5 Power Modules

NOTICE

- All power modules (except the 870 W PoE power module) are hot swappable, but it is highly recommended that you power off a switch before removing or installing a power module in the switch to protect personal and equipment safety.
- Before replacing a power module in a switch, make sure that the switch can be powered by the other power module after the power module is removed. Otherwise, services on the switches will be interrupted by a power failure when the power module is removed.
- Before powering off a switch, shut down all of its power supply units.
- A switch can only use power modules matching its chassis model. Using unsupported power modules will cause unexpected risks.
- If a switch has two power modules for 1+1 power redundancy and one of them is powered off, the indicator of this power module will not turn off immediately. This is a normal situation.
- If the total power of powered devices (PDs) connected to a PoE switch exceeds the rated PoE power of a single power module in the switch, the switch does not support 1+1 redundancy of the PoE power modules. If you need to power off one power module, limit the total power of PDs within the PoE power that one power module can provide.

5.1 PAC-60WA-L (60 W AC Power Module)
5.2 LS5M100PWA00/ES0W2PSA0150 (150 W AC Power Module)
5.3 LS5M100PWD00/ES0W2PSD0150 (150 W DC Power Module)
5.4 PAC-350WA-B (350 W AC Power Module)
5.5 W0PSA2500 (250 W AC PoE Power Module)
5.6 W0PSA5000/PAC-500WA-BE (500 W AC PoE Power Module)
5.7 W2PSA0580 (580 W AC PoE Power Module)
5.8 PDC-650WA-BE (650 W DC PoE Power Module)

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5.9 PAC1000D5412 (1000 W AC PoE Power Module)

5.10 W2PSA1150 (1150 W AC PoE Power Module)

5.11 PAC60S12-AR (60 W AC&240 V DC Power Module)

5.12 PAC150S12-R (150 W AC Power Module)

5.13 W0PSA1701 (170 W AC Power Module)

5.14 ES5M0PSD1700 (170 W DC Power Module)

5.15 PDC180S12-CR (180 W DC Power Module)

5.16 PDC-350WA-B (350 W DC Power Module)

5.17 PAC-600WA-B (600 W AC Power Module)

5.18 PAC600S12-CB (600 W AC&240 V DC Power Module)

5.19 PAC600S12-DB (600 W AC&240 V DC Power Module)

5.20 PAC600S12-EB (600 W AC&240 V DC Power Module)

5.21 PAC600S56-CB (600 W PoE AC&240 V DC Power Module (Back to Front, Power panel side exhaust))

5.22 PAC600S56-EB (600 W PoE AC&240 V DC Power Module (66mm Width Case, Back to Front, Power panel side exhaust))

5.23 PAC1000S56-CB (02312KND: 1000 W PoE AC&240 V DC Power Module)

5.24 PAC1000S56-CB (02312KND-001: 1000 W PoE AC&240 V DC Power Module)

5.25 PAC1000S56-DB (1000 W PoE AC&240 V DC Power Module)

5.26 PAC1000S56-EB (1000 W PoE AC&240 V DC Power Module (66 mm Width Case, Back to Front, Power panel side exhaust))

5.27 PDC1000S56-CB (1000 W PoE DC Power Module)

5.28 PDC1000S12-DB (1000 W DC Power Module)

5.29 PDC1000S56-EB (1000 W PoE DC Power Module (66 mm Width case, Back to Front, Power panel side exhaust))

5.1 PAC-60WA-L (60 W AC Power Module)

Product Support

Table 5-1 lists the switch models supporting a 60 W AC power module.

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Table 5-1 Product support for a 60 W AC power module

Power Module Name	Product Support
PAC-60WA-L	S5721-28X-SI-24S-AC, S5720-28P-SI-AC, S5720-52P-SI-AC, S5720-28X-SI-AC, S5720-28X-SI-DC, S5720-52X-SI-AC, S5720-52X-SI-DC

Appearance

Figure 5-1 Appearance of a 60 W AC power module



Function

Table 5-2 describes the functions of a 60 W AC power module.

Table 5-2 Functions of a 60 W AC power module

Function	Description
Input protection	Provides protection against input undervoltage condition.
Output protection	Provides protection against output undervoltage, output overvoltage, output overcurrent, and output short circuit conditions.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold (70°C or 158°F), the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Surge protection	-
Hot swapping	Supported

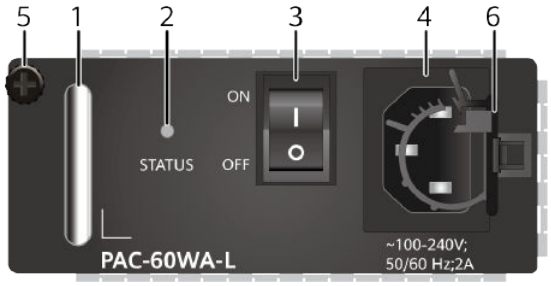
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NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

Panel

Figure 5-2 Panel of a 60 W AC power module



1. Handle	2. Indicator	3. Power switch	4. AC power socket
5. Captive screw	6. AC power cable locking strap	-	-

Table 5-3 describes the indicator on the 60 W AC power module panel.

Table 5-3 Indicator on the 60 W AC power module panel

Indicator	Color	Description
STATUS	Green	Off: • The power input is abnormal (no input, overvoltage, or undervoltage). • The power output is abnormal (undervoltage or overtemperature). Steady on: The AC power input is normal.

Specifications

Table 5-4 lists technical specifications of a 60 W AC power module.

Table 5-4 Technical specifications of a 60 W AC power module

Item	Description
Dimensions (H x W x D)	40 mm x 100 mm x 205 mm (1.6 in. x 3.9 in. x 8.1 in.)

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Item	Description
Weight	0.8 kg (1.76 lb)
Rated input voltage range	100 V AC to 240 V AC, 50/60 Hz
Maximum input voltage range	90 V AC to 264 V AC, 47 Hz to 63 Hz
Maximum input current	2 A
Maximum output current	5 A
Rated output voltage	12 V
Maximum output power	60 W
Part number	98010653

5.2 LS5M100PWA00/ES0W2PSA0150 (150 W AC Power Module)

Product Support

Table 5-5 lists the switch models supporting a 150 W AC power module.

Table 5-5 Product support for a 150 W AC power module

Power Module Name	Product Support
LS5M100PWA00 (purple gray)	S5700-28C-EI, S5700-28C-EI-24S, S5700-52C-EI, S5700-28C-SI, S5700-52C-SI, S5710-28C-LI, S5710-52C-LI
ES0W2PSA0150 (black)	S5700-28P-LI-BAT, S5700-28P-LI-24S-BAT, S5710-28C-EI, S5710-52C-EI, S5720-28P-SI-AC, S5720-28X-SI-AC, S5720-28X-SI-DC, S5720-52P-SI-AC, S5720-52X-SI-AC, S5720-52X-SI-DC, S5720-36C-EI-AC, S5720-36C-EI-DC, S5720-56C-EI-AC, S5720-56C-EI-DC, S5720-36C-EI-28S-AC, S5720-36C-EI-28S-DC, S5720-56C-EI-48S-AC, S5720-56C-EI-48S-DC, S5720-36PC-EI-AC, S5720-56PC-EI-AC, S5730-48C-SI-AC, S5730-68C-SI-AC, S5730S-48C-EI-AC, S5730S-68C-EI-AC, S5730-36C-HI, S5730-44C-HI, S5730-60C-HI, S5730-68C-HI, S5730-44C-HI-24S, S5730-36C-HI-24S, S5720-52X-SI-48S

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Appearance

Figure 5-3 Appearance of a 150 W AC power module (LS5M100PWA00)



Figure 5-4 Appearance of a 150 W AC power module (ES0W2PSA0150)



Function

Table 5-6 describes the functions of a 150 W AC power module.

Table 5-6 Functions of a 150 W AC power module

Function	Description
Input protection	Input undervoltage and overvoltage protection is provided.
Output protection	Output undervoltage, overvoltage, overcurrent, and short-circuit protection is provided.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold (70°C), the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.

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Function	Description
Surge protection	-
Hot swapping	Supported

NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

Panel Description

Figure 5-5 Panel of a 150 W AC power module (LS5M100PWA00)

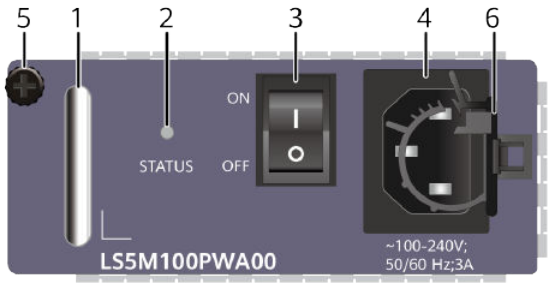
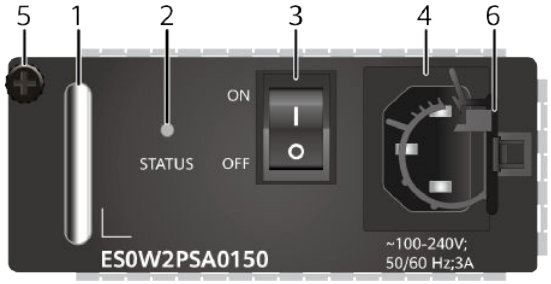


Figure 5-6 Panel of a 150 W AC power module (ES0W2PSA0150)



1. Handle	2. Power status indicator	3. Power switch	4. AC power socket
5. Captive screw	6. AC power cable locking strap	-	-

Table 5-7 describes the indicator on the 150 W AC power module panel.

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Table 5-7 Description of the indicator on the 150 W AC power module panel

Indicator	Color	Description
STATUS	Green	Off: • The input power is out of range, for example, no AC input power, AC input overvoltage, or AC input undervoltage. • The output power is out of range, for example, undervoltage or overtemperature occurs. Steady on: The AC power input is in the normal range. Blinking: The output power is out of range, for example, overvoltage, overcurrent, or short circuit occurs.

Specifications

Table 5-8 describes technical specifications of a 150 W AC power module.

Table 5-8 Technical specifications of a 150 W AC power module

Item	Description
Dimensions (H x W x D)	40 mm x 100 mm x 205 mm (1.6 in. x 3.9 in. x 8.1 in.)
Weight	0.8 kg (1.76 lb)
Rated input voltage range	100 V AC to 240 V AC, 50/60 Hz
Maximum input voltage range	90 V AC to 264 V AC, 47 Hz to 63 Hz
Maximum input current	3 A
Maximum output current	12.5 A
Rated output voltage	12 V
Maximum output power	150 W
Part number	LS5M100PWA00: 02316783 ES0W2PSA0150: 02310JFA

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5.3 LS5M100PWD00/ES0W2PSD0150 (150 W DC Power Module)

Product Support

Table 5-9 lists switch models supporting a 150 W DC power module.

Table 5-9 Product support for a 150 W DC power module

Power Module Name	Product Support
LS5M100PWD00 (purple gray)	S5700-28C-EI, S5700-28C-EI-24S, S5700-52C-EI, S5700-28C-SI, S5700-52C-SI, S5710-28C-LI, S5710-52C-LI
ES0W2PSD0150 (black)	S5700-28P-LI-BAT, S5700-28P-LI-24S-BAT, S5710-28C-EI, S5710-52C-EI, S5720-28P-SI-AC, S5720-28X-SI-AC, S5720-28X-SI-DC, S5720-52P-SI-AC, S5720-52X-SI-AC, S5720-52X-SI-DC, S5721-28X-SI-24S-AC, S5720-36C-EI-AC, S5720-36C-EI-DC, S5720-56C-EI-AC, S5720-56C-EI-DC, S5720-36C-EI-28S-AC, S5720-36C-EI-28S-DC, S5720-56C-EI-48S-AC, S5720-56C-EI-48S-DC, S5720-36PC-EI-AC, S5720-56PC-EI-AC, S5730-48C-SI-AC, S5730-68C-SI-AC, S5730S-48C-EI-AC, S5730S-68C-EI-AC, S5730-36C-HI, S5730-44C-HI, S5730-60C-HI, S5730-68C-HI, S5730-44C-HI-24S, S5730-36C-HI-24S, S5720-52X-SI-48S

Appearance

Figure 5-7 Appearance of a 150 W DC power module (LS5M100PWD00)



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Figure 5-8 Appearance of a 150 W DC power module (ES0W2PSD0150)



Function

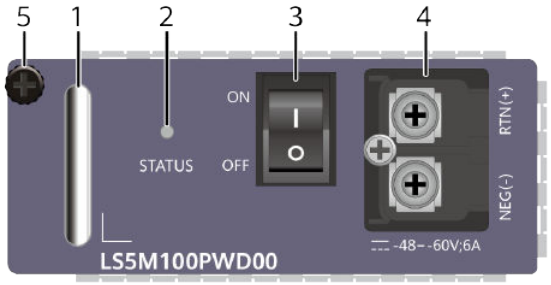
Table 5-10 describes the functions of a 150 W DC power module.

Table 5-10 Functions of a 150 W DC power module

Function	Description
Alarm function	Alarms for various power supply events, such as no power input, air breaker status, ineffective surge protection, and input undervoltage are supported.
Short circuit	-
Surge protection	-
Hot swapping	Supported

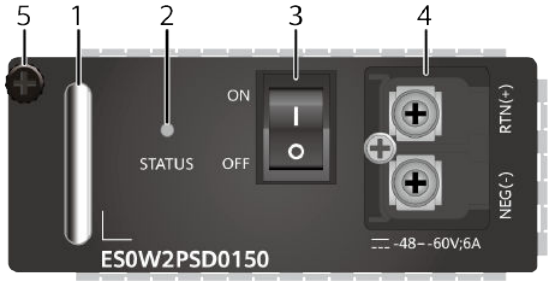
Panel Description

Figure 5-9 Panel of a 150 W DC power module (LS5M100PWD00)



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Figure 5-10 Panel of a 150 W DC power module (ES0W2PSD0150)



1. Handle	2. Power status indicator	3. Power switch	4. DC power terminal	5. Captive screw

Table 5-11 describes indicators on a 150 W DC power module panel.

Table 5-11 Description of indicators on a 150 W DC power module panel

Indicator	Color	Description
STATUS	Green	Off: • The input power is out of range, for example, no DC input power, DC input overvoltage, or DC input undervoltage. • The output power is out of range, for example, undervoltage or overtemperature occurs. Steady on: The DC power input is in the normal range. Blinking: The output power is out of range, for example, overvoltage, overcurrent, or short circuit occurs.

Specifications

Table 5-12 describes technical specifications of a 150 W DC power module.

Table 5-12 Technical specifications of a 150 W DC power module

Item	Description
Dimensions (H x W x D)	40 mm x 100 mm x 205 mm (1.6 in. x 3.9 in. x 8.1 in.)
Weight	0.8 kg (1.76 lb)

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Item	Description
Rated input voltage range	-48 V DC to -60 V DC
Maximum input voltage range	-36 V DC to -72 V DC
Maximum input current	6 A
Maximum output current	12.5 A
Rated output voltage	12 V
Maximum output power	150 W
Part number	LS5M100PWD00: 02316784 ES0W2PSD0150: 02310JFD

5.4 PAC-350WA-B (350 W AC Power Module)

Version Mapping

Table 5-13 lists the switch models supporting a 350 W AC power module.

Table 5-13 Product support for a 350 W AC power module

Power Module Name	Product Support
PAC-350WA-B	S5710-108C-PWR-HI

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Appearance

Figure 5-11 Appearance of a 350 W AC power module



Function

Table 5-14 describes the functions of a 350 W AC power module.

Table 5-14 Functions of a 350 W AC power module

Function		Description
Input protection	Input undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.
	Input overcurrent protection	In this protection state, the power module stops supplying power and cannot automatically start supplying power again when the input current restores to the normal range.
Output protection	Output overvoltage protection	In this protection state, the power module stops supplying power intermittently. When the system recovers from output overvoltage, the power module automatically resumes power supply.
	Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is within a range, the power module automatically resumes power supply.
	Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module automatically resumes power supply.

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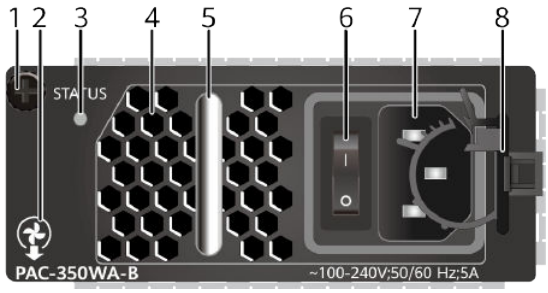
Function	Description
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Hot swapping	Supported

NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

Panel

Figure 5-12 Panel of a 350 W AC power module



1. Captive screw	2: Airflow flag (air out)	3. Indicator	4. Fan air vent
5. Handle	6. Power switch	7. AC power socket	8. AC power cable locking strap

Table 5-15 describes the indicator on the 350 W AC power module panel.

Table 5-15 Description of the indicator on the 350 W AC power module panel

Indicator	Color	Description
STATUS	Green	Off: The AC power input is abnormal (for example, no input, overvoltage, or undervoltage) or AC power output is abnormal (for example, overvoltage, overcurrent, short-circuit, or overtemperature). Steady on: The power module is working properly.

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Specifications

Table 5-16 lists specifications of a 350 W AC power module.

Table 5-16 Specifications of a 350 W AC power module

Item	Description
Dimensions (H x W x D)	40 mm x 100 mm x 205 mm (1.6 in. x 3.9 in. x 8.1 in.)
Weight	0.918 kg (2.02 lb)
Rated input voltage range	100 V AC to 240 V AC, 50/60 Hz
Maximum input voltage	90 V AC to 290 V AC, 45 Hz to 65 Hz
Maximum input current	5 A
Maximum output current	29.17 A
Rated output voltage	12 V
Maximum output power	350 W
Part number	02130971

5.5 W0PSA2500 (250 W AC PoE Power Module)

Product Support

Table 5-17 lists the switch models supporting a 250 W AC PoE power module.

Table 5-17 Product support for a 250 W AC PoE power module

Power Module Name	Product Support
W0PSA2500	S5700-28C-PWR-EI, S5700-52C-PWR-EI, S5700-28C-PWR-SI, S5700-52C-PWR-SI, S5700-24TP-PWR-SI, S5700-48TP-PWR-SI, S5710-28C-PWR-LI, S5710-52C-PWR-LI

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Appearance

Figure 5-13 Appearance of the 250 W AC PoE power module



Function

Table 5-18 describes the functions of a 250 W AC PoE power module.

Table 5-18 Functions of a 250 W AC PoE power module

Function	Description
PoE power supply	Complying with IEEE 802.3af and IEEE 802.3at, the PoE power module is able to remotely provide power for the devices of different vendors. IEEE 802.3af supports a maximum of 15.4 W power and IEEE 802.3at supports a maximum of 30 W power.
Input protection	Input overcurrent and undervoltage protection is provided.
Output protection	Output undervoltage, overvoltage, overcurrent, and short-circuit protection is provided.
Overtemperature protection	-
Surge protection	-
Hot swapping	Supported

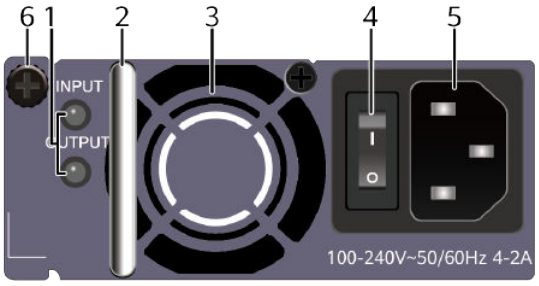
NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

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Panel Description

Figure 5-14 Panel of a 250 W AC PoE power module



1. Power status indicator	2. Handle	3. Fan	4. Switch
5. AC power socket	6. Captive screw	-	-

Table 5-19 describes indicators on a 250 W AC PoE power module panel.

Table 5-19 Description of indicators on a 250 W AC PoE power module panel

Indicator	Color	Description
INPUT	-	Off: The power module receives no input power.
	Green	Steady on: The AC input power is in the normal range.
	Red	Steady on: The AC input power is out of range, for example, undervoltage or overvoltage.
OUTPUT	-	Off: The power module has no output power.
	Green	Steady on: The AC output power is in the normal range.
	Red	Steady on: The power output is out of range. • Abnormal power fan operation • Output overvoltage • Output overcurrent • Short circuit • Overtemperature

Specifications

Table 5-20 describes technical specifications of a 250 W AC PoE power module.

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Table 5-20 Technical specifications of a 250 W AC PoE power module

Item	Description
Dimensions (H x W x D)	40 mm x 100 mm x 205 mm (1.6 in. x 3.9 in. x 8.1 in.)
Weight	0.8 kg (1.76 lb)
Rated input voltage range	100 V AC to 240 V AC, 50/60 Hz
Maximum input voltage range	90 V AC to 264 V AC, 47 Hz to 63 Hz
Input current	4 A to 2 A
Maximum output current	• +12 V: 10 A • -53.5 V: 2.5 A
Maximum output power	• PoE: 130 W • Total: 250 W
Part number	02130878

5.6 W0PSA5000/PAC-500WA-BE (500 W AC PoE Power Module)

Product Support

Table 5-21 lists the switch models supporting a 500 W AC PoE power modules.

Table 5-21 Product support for a 500 W AC PoE power module

Power Module Name	Product Support
W0PSA5000 (purple gray)	S5700-28C-PWR-EI, S5700-52C-PWR-EI, S5700-28C-PWR-SI, S5700-52C-PWR-SI, S5700-24TP-PWR-SI, S5700-48TP-PWR-SI, S5710-28C-PWR-LI, S5710-52C-PWR-LI
PAC-500WA-BE (black)	S5720-28X-PWR-SI-AC, S5720-28X-PWR-SI-DC, S5720-52X-PWR-SI-AC, S5720-52X-PWR-SI-DC, S5720-36C-PWR-EI-AC, S5720-36C-PWR-EI-DC, S5720-56C-PWR-EI-DC, S5720-56C-PWR-EI-AC, S5730-48C-PWR-SI-AC, S5730S-48C-PWR-EI, S5730-68C-PWR-SI-AC, S5730-68C-PWR-SI, S5730S-68C-PWR-EI, S5730-36C-PWH-HI, S5730-44C-PWH-HI, S5730-60C-PWH-HI, S5730-68C-PWH-HI

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Appearance

Figure 5-15 Appearance of a 500 W AC PoE power module (W0PSA5000)



Figure 5-16 Appearance of a 500 W AC PoE power module (PAC-500WA-BE)



Function

Table 5-22 describes the functions of a 500 W AC PoE power module.

Table 5-22 Functions of a 500 W AC PoE power module

Function	Description
PoE power supply	Complying with IEEE 802.3af and IEEE 802.3at, the PoE power module is able to remotely provide power for the devices of different vendors. IEEE 802.3af supports a maximum of 15.4 W power and IEEE 802.3at supports a maximum of 30 W power.
Input protection	Input overcurrent and undervoltage protection is provided.
Output protection	Output undervoltage, overvoltage, overcurrent, and short-circuit protection is provided.

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Function	Description
Overtemperature protection	-
Surge protection	-
Hot swapping	Supported

NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

Panel Description

Figure 5-17 Panel of a 500 W AC PoE power module (W0PSA5000)

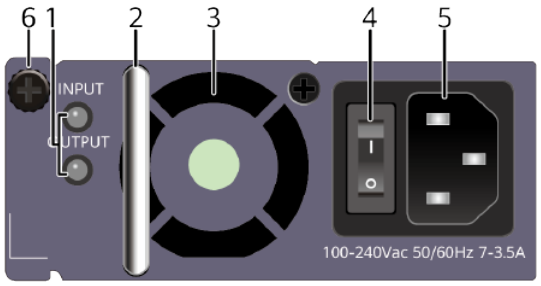
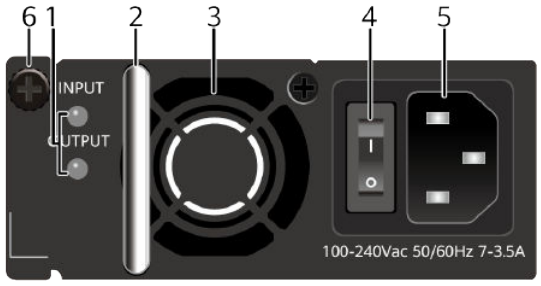


Figure 5-18 Panel of a 500 W AC PoE power module (PAC-500WA-BE)



1. Power status indicator	2. Handle	3. Fan	4. Switch
5. AC power socket	6. Captive screw	-	-

Table 5-23 describes indicators on a 500 W AC PoE power module panel.

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Table 5-23 Description of indicators on a 500 W AC PoE power module panel

Indicator	Color	Description
INPUT	-	Off: The power module receives no input power.
	Green	Steady on: The AC input power is in the normal range.
	Red	Steady on: The AC input power is out of range, for example, undervoltage or overvoltage.
OUTPUT	-	Off: The power module has no output power.
	Green	Steady on: The AC output power is in the normal range.
	Red	Steady on: The power output is out of range. • Abnormal power fan operation • Output overvoltage • Output overcurrent • Short circuit • Overtemperature

Specifications

Table 5-24 describes technical specifications of a 500 W AC PoE power module.

Table 5-24 Technical specifications of a 500 W AC PoE power module

Item	Description
Dimensions (H x W x D)	40 mm x 100 mm x 205 mm (1.6 in. x 3.9 in. x 8.1 in.)
Weight	1.06 kg (2.34 lb)
Rated input voltage range	100 V AC to 240 V AC, 50/60 Hz
Maximum input voltage range	90 V AC to 264 V AC, 47 Hz to 63 Hz
Maximum input current	7 A to 3.5 A
Maximum output current	• +12 V: 10 A • -53.5 V: 7.11 A
Maximum output power	• +12 V: 120 W • -53.5 V: 380 W (PoE: 369.6 W)

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Item	Description
Part number	W0PSA5000: 02130879 PAC-500WA-BE: 02311BXV

5.7 W2PSA0580 (580 W AC PoE Power Module)

Product Support

Table 5-25 lists the switch models supporting a 580 W AC PoE power module.

Table 5-25 Product support for a 580 W AC PoE power module

Power Module Name	Product Support
W2PSA0580	S5710-52C-PWR-EI, S5710-28C-PWR-EI-AC, S5710-52C-PWR-EI-AC, S5720-56C-PWR-HI-AC1

Appearance

Figure 5-19 Appearance of the 580 W AC PoE power module



Function

Table 5-26 describes the functions of a 580 W AC PoE power module.

Table 5-26 Functions of a 580 W AC PoE power module

Function	Description
PoE power supply	Provides a maximum of 369.6 W PoE power.

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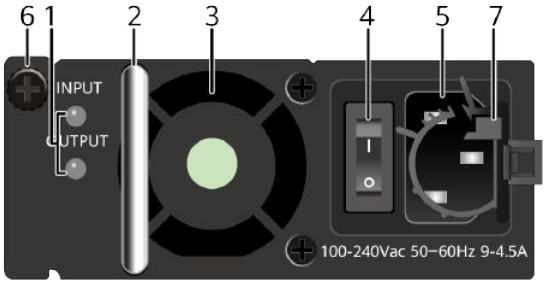
Function	Description
Input protection	Input overcurrent and undervoltage protection is provided.
Output protection	Output overvoltage, overcurrent, and short-circuit protection is provided.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold (75°C), the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Hot swapping	Supported

NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

Panel Description

Figure 5-20 Panel of a 580 W AC PoE power module



1. Power status indicator	2. Handle	3. Fan	4. Switch
5. AC power socket	6. Captive screw	7. AC power cable locking strap	-

Table 5-27 describes indicators on a 580 W AC PoE power module panel.

Table 5-27 Description of indicators on a 580 W AC PoE power module panel

Indicator	Color	Description
INPUT	-	Off: The power module receives no input power.

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Indicator	Color	Description
	Green	Steady on: The AC input power is in the normal range.
	Red	Steady on: The AC input power is out of range, for example, undervoltage or overvoltage.
OUTPUT	-	Off: The power module has no output power.
	Green	Steady on: The AC output power is in the normal range.
	Red	Steady on: The power output is out of range. • Abnormal power fan operation • Output overvoltage • Output overcurrent • Short circuit • Overtemperature

Specifications

Table 5-28 describes technical specifications of a 580 W AC PoE power module.

Table 5-28 Technical specifications of a 580 W AC PoE power module

Item	Description
Dimensions (H x W x D)	40 mm x 100 mm x 205 mm (1.6 in. x 3.9 in. x 8.1 in.)
Weight	< 1.6 kg (3.53 lb)
Rated input voltage range	100 V AC to 240 V AC, 50/60 Hz
Maximum input voltage range	90 V AC to 290 V AC, 47 Hz to 63 Hz
Input current	9 A to 4.5 A
Maximum output current	• +12 V: 16.66 A • -53.5 V: 7.11 A
Maximum output power	• PoE: 369.6 W • Total: 580 W
Part number	02130953

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5.8 PDC-650WA-BE (650 W DC PoE Power Module)

Product Support

Table 5-29 lists the switch models supporting a 650 W DC PoE power module.

Table 5-29 Product support for a 650 W DC PoE power module

Power Module Name	Product Support
PDC-650WA-BE	S5720-28X-PWR-SI-AC, S5720-28X-PWR-SI-DC, S5720-52X-PWR-SI-AC, S5720-52X-PWR-SI-DC, S5720-36C-PWR-EI-AC, S5720-36C-PWR-EI-DC, S5720-56C-PWR-EI-AC, S5720-56C-PWR-EI-DC, S5730-48C-PWR-SI-AC, S5730S-48C-PWR-EI, S5730-68C-PWR-SI-AC, S5730-68C-PWR-SI, S5730S-68C-PWR-EI, S5730-36C-PWH-HI, S5730-44C-PWH-HI, S5730-60C-PWH-HI, S5730-68C-PWH-HI

Appearance

Figure 5-21 Appearance of a 650 W DC PoE power module (PDC-650WA-BE)



Function

Table 5-30 describes the functions of a 650 W DC PoE power module.

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Table 5-30 Functions of a 650 W DC PoE power module

Function		Description
Input protection	Input undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.
	Input overcurrent protection	In this protection state, the power module stops supplying power and cannot automatically start supplying power again when the input current restores to the normal range.
Output protection	Output overvoltage protection	In this protection state, the power module stops supplying power intermittently. When the system recovers from output overvoltage, the power module automatically resumes power supply.
	Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is within a range, the power module automatically resumes power supply.
	Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module automatically resumes power supply.
Overtemperature protection		When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Hot swapping		Supported

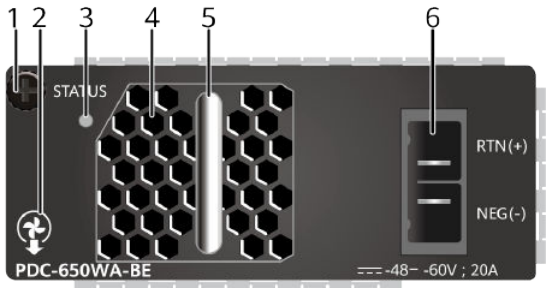
NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

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Panel

Figure 5-22 Panel of a 650 W DC PoE power module (PDC-650WA-BE)



1. Captive screw	2: Airflow flag (air out)	3. Indicator	4. Fan air vent
5. Handle	6. DC power socket	-	-

Table 5-31 describes the indicator on the 650 W DC PoE power module panel.

Table 5-31 Description of indicator on the 650 W DC PoE power module panel

Indicator	Color	Description
STATUS: running status indicator	Green	• Off: The power input is abnormal (for example, no input, overvoltage, or undervoltage) or the power output is abnormal (for example, overvoltage, overcurrent, short-circuit, or overtemperature). • Steady on: The power module is working normally.

Specifications

Table 5-32 describes technical specifications of a 650 W DC PoE power module.

Table 5-32 Technical specifications of a 650 W DC PoE power module

Item	Description
Dimensions (H x W x D)	40 mm x 100 mm x 205 mm (1.6 in. x 3.9 in. x 8.1 in.)
Weight	0.83 kg (1.83 lb)
Rated input voltage range	-48 V DC to -60 V DC

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Item	Description
Maximum input voltage	-38.4 V DC to -72 V DC
Maximum input current	20 A
Maximum output current	• +12 V: 22.5 A • -53.5 V: 7.11 A
Rated output power	• PoE power: 369.6 W • Total power: 650 W
Part number	02270152

5.9 PAC1000D5412 (1000 W AC PoE Power Module)

Product Support

Table 5-33 lists the switch models supporting a 1000 W AC PoE power module.

Table 5-33 Product support for a 1000 W AC PoE power module

Power Module Name	Product Support
PAC1000D5412	S5720-52X-PWR-SI-ACF, S5730-68C-PWR-SI, S5730S-68C-PWR-EI, S5720-56C-PWR-EI-AC1, S5730-36C-PWH-HI, S5730-44C-PWH-HI, S5730-60C-PWH-HI, S5730-68C-PWH-HI

Appearance

Figure 5-23 Appearance of a 1000 W AC PoE power module



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Functions

Table 5-34 describes the functions of a 1000 W AC PoE power module.

Table 5-34 Functions of a 1000 W AC PoE power module

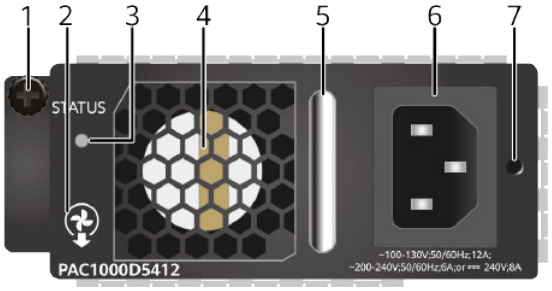
Function	Description
PoE power supply	Provides a maximum of 754.6 W PoE power.
Input protection	Provides protection against input overvoltage and input undervoltage.
Output protection	Provides protection against output overvoltage, output overcurrent, and output short-circuit.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold (80°C or 176°F), the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Hot swapping	Supported

NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

Panel

Figure 5-24 Panel of a 1000 W AC PoE power module



1. Captive screw	2. Airflow flag (air out)	3. Indicator	4. Fan
5. Handle	6. AC power socket	7. AC power cable locking strap	-

Table 5-35 describes indicators on a 1000 W AC PoE power module.

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Table 5-35 Description of indicator on a 1000 W AC PoE power module

Indicator	Color	Description
STATUS	Green	Off: • The AC power input is abnormal, for example, no AC input power, AC input overvoltage, or AC input undervoltage occurs. • The AC power output is abnormal, for example, output undervoltage or overtemperature occurs. Steady on: The AC power input is in normal range.

Specifications

Table 5-36 lists the specifications of a 1000 W AC PoE power module.

Table 5-36 Specifications of a 1000 W AC PoE power module

Item	Description
Dimensions (H x W x D)	42 mm x 99 mm x 204 mm (1.7 in. x 3.9 in. x 8.0 in.)
Weight	1.1 kg (2.43 lb)
Rated input voltage range	100 V AC to 130 V AC, 50/60 Hz 200 V AC to 240 V AC, 50/60 Hz 240 V DC
Maximum input voltage range	90 V AC to 290 V AC, 47 Hz to 63 Hz 190 V DC to 290 V DC
Input current	100 V AC to 130 V AC: 12 A 200 V AC to 240 V AC: 6 A 240 V DC: 8 A
Maximum output current	• 12 V: 20.84 A • 53.5 V: 14.58 A • 56 V: 13.93 A

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Item	Description
Maximum output power	100 V AC to 130 V AC input: • PoE: 754.6 W • Total: 900 W 200 V AC to 240 V AC input and 240 V DC input: • PoE: 754.6 W • Total: 1000 W
Operating altitude	100 V AC to 130 V AC: 0-3000 m 200 V AC to 240 V AC: 0-5000 m 240 V DC: 0-5000 m
Part number	02312EJK

5.10 W2PSA1150 (1150 W AC PoE Power Module)

Product Support

Table 5-37 lists the switch models supporting a 1150 W AC PoE power module.

Table 5-37 Product support for a 1150 W AC PoE power module

Power Module Name	Product Support
W2PSA1150	S5710-52C-PWR-EI, S5720-52X-PWR-SI-ACF, S5720-56C-PWR-HI-AC, S5710-108C-PWR-HI, S5720-56C-PWR-EI-AC1, S5730-68C-PWR-SI, S5730S-68C-PWR-EI, S5730-36C-PWH-HI, S5730-44C-PWH-HI, S5730-60C-PWH-HI, S5730-68C-PWH-HI

Appearance

Figure 5-25 Appearance of a 1150 W AC PoE power module (W2PSA1150)



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Figure 5-26 shows a 1150 W AC PoE power module installed on a switch.

Figure 5-26 1150 W AC PoE power module on a switch



NOTE

If a switch uses 1150 W power modules, it is recommended that the switch be installed in an 800 mm or deeper standard cabinet. If the switch is installed in a 600 mm deep cabinet, the rear door of the cabinet cannot be closed.

Functions

Table 5-38 describes the functions of a 1150 W AC PoE power module.

Table 5-38 Functions of a 1150 W AC PoE power module

Function	Description
PoE power supply	Provides a maximum of 785.4 W PoE power.
Input protection	Provides protection against input overcurrent and input undervoltage.
Output protection	Provides protection against output overvoltage, output overcurrent, and output short-circuit.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold (70°C), the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Hot swapping	Supported

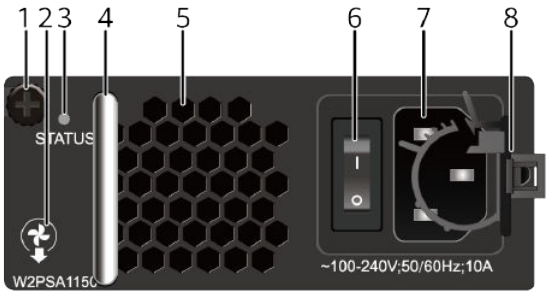
NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

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Panel

Figure 5-27 Panel of a 1150 W AC PoE power module (W2PSA1150)



1. Captive screw	2. Airflow flag (air out)	3. Indicator	4. Handle
5. Fan	6. Power switch	7. AC power socket	8. AC power cable locking strap

Table 5-39 describes indicators on a 1150 W AC PoE power module panel.

Table 5-39 Description of indicators on a 1150 W AC PoE power module panel

Indicator	Color	Description
STATUS	Green	Off: • The AC power input is abnormal, for example, no AC input power, AC input overvoltage, or AC input undervoltage occurs. • The AC power output is abnormal, for example, output undervoltage or overtemperature occurs. Steady on: The AC power input is in the normal range. Blinking: The AC power output is abnormal, for example, overvoltage, overcurrent, or short circuit occurs.

Specifications

Table 5-40 lists the specifications of a 1150 W AC PoE power module.

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Table 5-40 Technical specifications of a 1150 W AC PoE power module

Item	Description
Dimensions (H x W x D)	41.4 mm x 100.0 mm x 281.0 mm (1.63 in. x 3.9 in. x 11.1 in.)
Weight	< 1.6 kg (3.53 lb)
Rated input voltage	100 V AC to 240 V AC, 50/60 Hz
Maximum input voltage	90 V AC to 290 V AC, 45 Hz to 65 Hz
Input current	10 A
Maximum output current	• +12 V: 29.17 A • -53.5 V: 14.95 A
Maximum output power	• PoE: 785.4 W (220 V)/446.6 W (110 V) • Total: 1150 W (220 V)/800 W (110 V)
Part number	02130984

5.11 PAC60S12-AR (60 W AC&240 V DC Power Module)

Overview

Table 5-41 Basic information about the PAC60S12-AR

Item	Details
Description	60 W AC&240 V DC Power Module
Part Number	02312SLE
Model	PAC60S12-AR

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Appearance

Figure 5-28 Appearance of the PAC60S12-AR



Version Mapping

Table 5-42 Mappings between PAC60S12-AR and product models

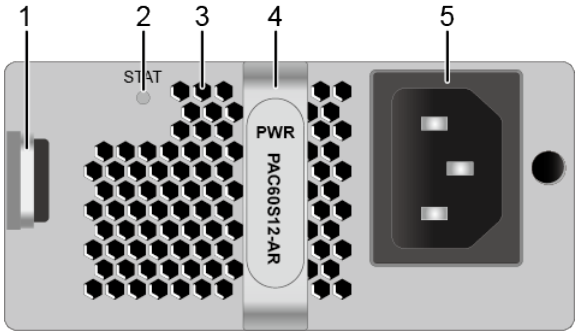
Product	Product Model	First Supported Version	Limitations
S5735-S	S5735-S24T4X (98010938)	V200R019C00	-
S5735-S	S5735-S32ST4X (98010931)	V200R019C00	-
S5735-S	S5735-S48T4X (98010941)	V200R019C00	-
S5735S-S	S5735S-S24T4S-A (98010939)	V200R019C00	-
S5735S-S	S5735S-S24T4X-A (98010967)	V200R019C10SPC500	-
S5735S-S	S5735S-S32ST4X-A (98010932)	V200R019C00	-
S5735S-S	S5735S-S48T4S-A (98010942)	V200R019C00	-
S5735S-S	S5735S-S48T4X-A (98010968)	V200R019C10SPC500	-
S5735-S-I	S5735-S24T4X-I (98010960)	V200R019C10SPC500	-

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Product	Product Model	First Supported Version	Limitations
S5736-S	S5736-S24T4XC (98011022)	V200R024C00	It is sold only in China.
S5736-S	S5736-S48T4XC (98011026)	V200R024C00	It is sold only in China.

Panel

Figure 5-29 Panel of the PAC60S12-AR



1. Lock	2. Indicator	3. Air vent	4. Handle
5. Power socket	-	-	-

Table 5-43 Indicators on the PAC60S12-AR

Silkscreen	Name	Color	Status	Description
STAT	Running status indicator	-	Steady off	The power input is abnormal (for example, no input, overvoltage, or undervoltage) or the power output is abnormal (for example, undervoltage or overtemperature).

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Silkscreen	Name	Color	Status	Description
		Green	Steady on	The power module is working normally.
		Green	Blinking	The output power is out of range, for example, overvoltage, overcurrent, or short circuit occurs.

Functions and Features

Table 5-44 Functions of a 60 W AC power module

Function		Description
Input protection	Input undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.
	Input overcurrent protection	In this protection state, the power module stops supplying power and cannot automatically resume power supply when the input current restores to the normal range.
Output protection	Output overvoltage protection	In this protection state, the power module stops supplying power intermittently. When the output voltage restores to the normal range, the power module automatically resumes power supply.
	Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is within a range, the power module automatically resumes power supply.
	Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module automatically resumes power supply.
Overtemperature protection		When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.

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Function	Description
Hot swapping	Supported

NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

Technical Specifications

Table 5-45 Technical specifications of the PAC60S12-AR

Item	Specification
Dimensions without packaging (H x W x D) [mm(in.)]	40 mm x 90 mm x 215 mm (1.6 in. x 3.5 in. x 8.5 in.)
Weight without packaging [kg(lb)]	0.68 kg (1.5 lb)
Number of inputs	1
Rated input voltage [V]	100 V AC to 240 V AC, 50/60 Hz 240 V DC
Input voltage range [V]	90 V AC to 264 V AC, 47 Hz to 63 Hz 190 V DC to 290 V DC
Maximum input current [A]	100 V AC to 240 V AC: 2 A 240 V DC: 2 A
Rated output voltage [V]	12 V
Rated output current [A]	5 A
Rated output power [W]	60 W
Power dissipation Mode	Natural heat dissipation without fans
Hot swapping	Supported

5.12 PAC150S12-R (150 W AC Power Module)

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Overview

Table 5-46 Basic information about the PAC150S12-R

Item	Details
Description	150 W AC Power Module
Part Number	02312DUY
Model	PAC150S12-R

Appearance

Figure 5-30 Appearance of the PAC150S12-R



Version Mapping

Table 5-47 Mappings between PAC150S12-R and product models

Product	Product Model	First Supported Version	Limitations
S5731-S	S5731-S24T4X (02353AHU)	V200R019C00	-
S5731-S	S5731-S24T4X (02353AHU-001)	V200R020C10	-
S5731-S	S5731-S24T4X (98011851)	V200R021C10SPC600	-
S5731-S	S5731-S32ST4X (98011813)	V200R021C01	-

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Product	Product Model	First Supported Version	Limitations
S5731-S	S5731-S32ST4X (98011813-002)	V200R021C10SPC600	-
S5731-S	S5731-S48S4X (98011805)	V200R021C01	-
S5731-S	S5731-S48S4X (98011805-001)	V200R021C10SPC600	-
S5731-S	S5731-S48T4X (02353AJB)	V200R019C00	-
S5731-S	S5731-S48T4X (02353AJB-003)	V200R020C10	-
S5731-S	S5731-S48T4X (98011847)	V200R021C10SPC600	-
S5731S-S	S5731S-S24T4X-A (02353AHV)	V200R019C00	-
S5731S-S	S5731S-S24T4X-A (02353AHV-001)	V200R020C10	-
S5731S-S	S5731S-S24T4X-A (98011852)	V200R021C10SPC600	-
S5731S-S	S5731S-S32ST4X-A (98011814)	V200R021C01	-
S5731S-S	S5731S-S32ST4X-A (98011814-001)	V200R021C10SPC600	-
S5731S-S	S5731S-S48S4X-A (98011806)	V200R021C01	-
S5731S-S	S5731S-S48S4X-A (98011806-001)	V200R021C10SPC600	-
S5731S-S	S5731S-S48T4X-A (02353AJC)	V200R019C00	-
S5731S-S	S5731S-S48T4X-A (02353AJC-003)	V200R020C10	-
S5731S-S	S5731S-S48T4X-A (98011848)	V200R021C10SPC600	-
S5731-H	S5731-H24T4XC (02352QPP)	V200R019C00	-
S5731-H	S5731-H24T4XC (02352QPP-001)	V200R020C10	-

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Product	Product Model	First Supported Version	Limitations
S5731-H	S5731-H24T4XC (02352QPP-005)	V200R021C10SPC600	-
S5731-H	S5731-H48T4XC (02352QPT)	V200R019C00	-
S5731-H	S5731-H48T4XC (02352QPT-003)	V200R020C10	-
S5731-H	S5731-H48T4XC (02352QPT-007)	V200R021C10SPC600	-
S5731-H	S5731-H48T4XC-B (02353VAD)	V200R020C00	-
S5731-H	S5731-H48T4XC-B (02353VAD-003)	V200R020C10	-
S5731-H	S5731-H48T4XC-B (02353VAD-005)	V200R021C10SPC600	-
S5731S-H	S5731S-H24T4S-A (02353DJE)	V200R019C00	-
S5731S-H	S5731S-H24T4S-A (02353DJE-001)	V200R020C10	-
S5731S-H	S5731S-H24T4S-A (02353DJE-003)	V200R021C10SPC600	-
S5731S-H	S5731S-H24T4X-A (02353HVH)	V200R019C10	-
S5731S-H	S5731S-H24T4X-A (02353HVH-001)	V200R020C10	-
S5731S-H	S5731S-H24T4X-A (02353HVH-003)	V200R021C10SPC600	-
S5731S-H	S5731S-H24T4XC-A (02352YRG)	V200R019C00	-
S5731S-H	S5731S-H24T4XC-A (02352YRG-001)	V200R020C10	-
S5731S-H	S5731S-H24T4XC-A (02352YRG-003)	V200R021C10SPC600	-
S5731S-H	S5731S-H48T4S-A (02353DJG)	V200R019C00	-
S5731S-H	S5731S-H48T4S-A (02353DJG-003)	V200R020C10	-

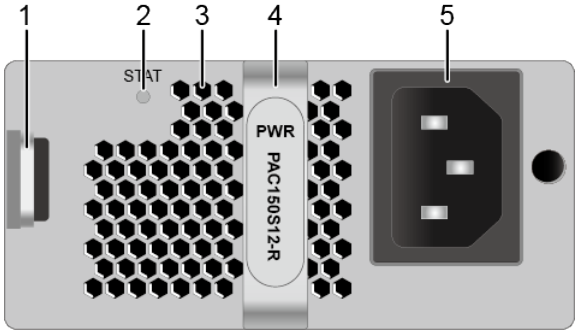
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Product	Product Model	First Supported Version	Limitations
S5731S-H	S5731S-H48T4S-A (02353DJG-005)	V200R021C10SPC600	-
S5731S-H	S5731S-H48T4X-A (02353HVJ)	V200R019C10	-
S5731S-H	S5731S-H48T4X-A (02353HVJ-003)	V200R020C10	-
S5731S-H	S5731S-H48T4X-A (02353HVJ-005)	V200R021C10SPC600	-
S5731S-H	S5731S-H48T4XC-A (02352YRF)	V200R019C00	-
S5731S-H	S5731S-H48T4XC-A (02352YRF-003)	V200R020C10	-
S5731S-H	S5731S-H48T4XC-A (02352YRF-005)	V200R021C10SPC600	-
S5735-S	S5735-S48S4X (98010947)	V200R019C00	-
S5735S-H	S5735S-H24S4XC-A (98011041)	V200R021C01	-
S5735S-H	S5735S-H24T4XC-A (98011025)	V200R020C00	-
S5735S-H	S5735S-H48T4XC-A (98011029)	V200R020C00	-
S5736-S	S5736-S24S4XC (98011038)	V200R021C01	-
S5736-S	S5736-S24T4XC (98011022)	V200R020C00	-
S5736-S	S5736-S48S4XC (98011042)	V200R021C01	-
S5736-S	S5736-S48T4XC (98011026)	V200R020C00	-

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Panel

Figure 5-31 Panel of the PAC150S12-R



1. Lock	2. Indicator	3. Air vent	4. Handle
5. Power socket	-	-	-

Table 5-48 Indicators on the PAC150S12-R

Silkscreen	Name	Color	Status	Description
STAT	Running status indicator	-	Steady off	The power input is abnormal (for example, no input, overvoltage, or undervoltage) or the power output is abnormal (for example, undervoltage or overtemperature).
		Green	Steady on	The power module is working normally.

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Silkscreen	Name	Color	Status	Description
		Green	Blinking	The output power is out of range, for example, overvoltage, overcurrent, or short circuit occurs.

Functions and Features

Table 5-49 Functions of a 150 W AC power module

Function		Description
Input protection	Input undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.
	Input overcurrent protection	In this protection state, the power module stops supplying power and cannot automatically resume power supply when the input current restores to the normal range.
Output protection	Output overvoltage protection	In this protection state, the power module stops supplying power intermittently. When the output voltage restores to the normal range, the power module automatically resumes power supply.
	Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is within a range, the power module automatically resumes power supply.
	Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module automatically resumes power supply.
Overtemperature protection		When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Hot swapping		Supported

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NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

Technical Specifications

Table 5-50 Technical specifications of the PAC150S12-R

Item	Specification
Dimensions without packaging (H x W x D) [mm(in.)]	40 mm x 90 mm x 215 mm (1.6 in. x 3.5 in. x 8.5 in.)
Weight without packaging [kg(lb)]	0.8 kg (1.76 lb)
Number of inputs	1
Rated input voltage [V]	100 V AC to 240 V AC, 50/60 Hz
Input voltage range [V]	90 V AC to 264 V AC, 47 Hz to 63 Hz
Maximum input current [A]	3 A
Rated output voltage [V]	12 V
Rated output current [A]	12.5 A
Rated output power [W]	150 W
Power dissipation Mode	Natural heat dissipation without fans
Hot swapping	Supported

5.13 W0PSA1701 (170 W AC Power Module)

Overview

Table 5-51 Basic information about the W0PSA1701

Item	Details
Description	170 W AC Power Module
Part Number	02130966
Model	W0PSA1701

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Appearance

Figure 5-32 Appearance of the W0PSA1701



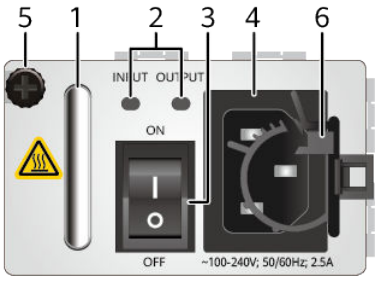
Version Mapping

Table 5-52 Mappings between W0PSA1701 and product models

Product	Product Model	First Supported Version
S5700-HI	S5700-28C-HI (02353630)	V100R006C01
S5700-HI	S5700-28C-HI-24S (02353631)	V100R006C01

Panel

Figure 5-33 Panel of the W0PSA1701



1. Handle	2. Power status indicator	3. Power switch	4. Power socket

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5. Captive screw	6. AC power cable locking strap	-	-

Table 5-53 Indicators on the W0PSA1701

Silkscreen	Name	Color	Status	Description
INPUT	Power input indicator	-	Steady off	The AC input power is out of range.
		Green	Steady on	The AC power input is in the normal range.
OUTPUT	Power output indicator	-	Steady off	The AC output power is out of range.
		Green	Steady on	The AC output power is in the normal range.
		Green	Blinking	The output power is out of range, for example, overvoltage, overcurrent, or short circuit occurs.

Functions and Features

Table 5-54 Functions of a 170 W AC power module

Function	Description
Input protection	Input overcurrent and undervoltage protection is provided.
Output protection	Output overvoltage and short-circuit protection is provided.
Alarm function	Various alarms such as the alarm triggered when there is no power input and the alarm triggered when there is no power output are supported.

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Function	Description
Overtemperature protection	When the temperature of the power module exceeds a specified threshold (75°C), the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Surge protection	-
Hot swapping	Supported

NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

Technical Specifications

Table 5-55 Technical specifications of the W0PSA1701

Item	Specification
Dimensions without packaging (H x W x D) [mm(in.)]	40 mm x 70 mm x 205 mm (1.6 in. x 2.8 in. x 8.1 in.)
Weight without packaging [kg(lb)]	1.0 kg (2.2 lb)
Number of inputs	1
Rated input voltage [V]	100 V AC to 240 V AC, 50/60 Hz
Input voltage range [V]	90 V AC to 264 V AC, 47 Hz to 63 Hz
Maximum input current [A]	2.5 A
Rated output voltage [V]	12 V
Rated output current [A]	14.2 A
Rated output power [W]	170 W
Power dissipation Mode	Natural heat dissipation without fans
Hot swapping	Supported

5.14 ES5M0PSD1700 (170 W DC Power Module)

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Overview

Table 5-56 Basic information about the ES5M0PSD1700

Item	Details
Description	170 W DC Power Module
Part Number	02310GBM
Model	ES5M0PSD1700

Appearance

Figure 5-34 Appearance of the ES5M0PSD1700



Version Mapping

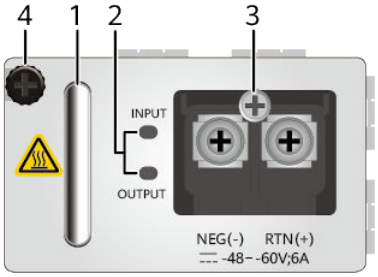
Table 5-57 Mappings between ES5M0PSD1700 and product models

Product	Product Model	First Supported Version
S5700-HI	S5700-28C-HI (02353630)	V100R006C01
S5700-HI	S5700-28C-HI-24S (02353631)	V100R006C01

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Panel

Figure 5-35 Panel of the ES5M0PSD1700



1. Handle	2. Power status indicator	3. DC power terminal	4. Captive screw

Table 5-58 Indicators on the ES5M0PSD1700

Silkscreen	Name	Color	Status	Description
INPUT	Power input indicator	-	Steady off	The DC input power is out of range.
		Green	Steady on	The DC power input is in the normal range.
OUTPUT	Power output indicator	-	Steady off	The DC output power is out of range.
		Green	Steady on	The DC output power is in the normal range.
		Green	Blinking	The output power is out of range, for example, overvoltage, overcurrent, or short circuit occurs.

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Functions and Features

Table 5-59 Functions of a 170 W DC power module

Function	Description
Input protection	Input overcurrent and undervoltage protection is provided.
Output protection	Output overvoltage and short-circuit protection is provided.
Alarm function	Various alarms such as the alarm triggered when there is no power input and the alarm triggered when there is no power output are supported.
Reversed connection protection	-
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Surge protection	-
Hot swapping	Supported

NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

Technical Specifications

Table 5-60 Technical specifications of the ES5M0PSD1700

Item	Specification
Dimensions without packaging (H x W x D) [mm(in.)]	40 mm x 70 mm x 205 mm (1.6 in. x 2.8 in. x 8.1 in.)
Weight without packaging [kg(lb)]	1.0 kg (2.2 lb)
Number of inputs	1
Rated input voltage [V]	-48 V DC to -60 V DC
Input voltage range [V]	-36 V DC to -72 V DC
Maximum input current [A]	6 A

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Item	Specification
Rated output voltage [V]	12 V
Rated output current [A]	14.2 A
Rated output power [W]	170 W
Power dissipation Mode	Natural heat dissipation without fans
Hot swapping	Supported

5.15 PDC180S12-CR (180 W DC Power Module)

Overview

Table 5-61 Basic information about the PDC180S12-CR

Item	Details
Description	180 W DC Power Module
Part Number	02312VRE
Model	PDC180S12-CR

Appearance

Figure 5-36 Appearance of the PDC180S12-CR



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Version Mapping

Table 5-62 Mappings between PDC180S12-CR and product models

Product	Product Model	First Supported Version	Limitations
S5731-S	S5731-S24T4X (02353AHU)	V200R020C00	-
S5731-S	S5731-S24T4X (02353AHU-001)	V200R020C10	-
S5731-S	S5731-S24T4X (98011851)	V200R021C10SPC600	-
S5731-S	S5731-S32ST4X (98011813)	V200R021C01	-
S5731-S	S5731-S32ST4X (98011813-002)	V200R021C10SPC600	-
S5731-S	S5731-S48S4X (98011805)	V200R021C01	-
S5731-S	S5731-S48S4X (98011805-001)	V200R021C10SPC600	-
S5731-S	S5731-S48T4X (02353AJB)	V200R020C00	-
S5731-S	S5731-S48T4X (02353AJB-003)	V200R020C10	-
S5731-S	S5731-S48T4X (98011847)	V200R021C10SPC600	-
S5731S-S	S5731S-S24T4X-A (02353AHV)	V200R020C00	-
S5731S-S	S5731S-S24T4X-A (02353AHV-001)	V200R020C10	-
S5731S-S	S5731S-S24T4X-A (98011852)	V200R021C10SPC600	-
S5731S-S	S5731S-S32ST4X-A (98011814)	V200R021C01	-
S5731S-S	S5731S-S32ST4X-A (98011814-001)	V200R021C10SPC600	-
S5731S-S	S5731S-S48S4X-A (98011806)	V200R021C01	-
S5731S-S	S5731S-S48S4X-A (98011806-001)	V200R021C10SPC600	-

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Product	Product Model	First Supported Version	Limitations
S5731S-S	S5731S-S48T4X-A (02353AJC)	V200R020C00	-
S5731S-S	S5731S-S48T4X-A (02353AJC-003)	V200R020C10	-
S5731S-S	S5731S-S48T4X-A (98011848)	V200R021C10SPC600	-
S5731-H	S5731-H24T4XC (02352QPP)	V200R020C00	-
S5731-H	S5731-H24T4XC (02352QPP-001)	V200R020C10	-
S5731-H	S5731-H24T4XC (02352QPP-005)	V200R021C10SPC600	-
S5731-H	S5731-H48T4XC (02352QPT)	V200R020C00	-
S5731-H	S5731-H48T4XC (02352QPT-003)	V200R020C10	-
S5731-H	S5731-H48T4XC (02352QPT-007)	V200R021C10SPC600	-
S5731-H	S5731-H48T4XC-B (02353VAD)	V200R020C00	-
S5731-H	S5731-H48T4XC-B (02353VAD-003)	V200R020C10	-
S5731-H	S5731-H48T4XC-B (02353VAD-005)	V200R021C10SPC600	-
S5731S-H	S5731S-H24T4S-A (02353DJE)	V200R020C00	-
S5731S-H	S5731S-H24T4S-A (02353DJE-001)	V200R020C10	-
S5731S-H	S5731S-H24T4S-A (02353DJE-003)	V200R021C10SPC600	-
S5731S-H	S5731S-H24T4X-A (02353HVH)	V200R020C00	-
S5731S-H	S5731S-H24T4X-A (02353HVH-001)	V200R020C10	-
S5731S-H	S5731S-H24T4X-A (02353HVH-003)	V200R021C10SPC600	-

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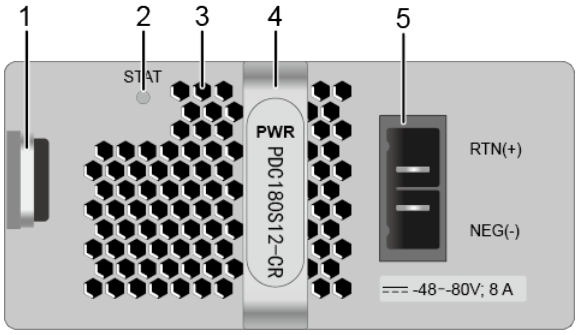
Product	Product Model	First Supported Version	Limitations
S5731S-H	S5731S-H24T4XC-A (02352YRG)	V200R020C00	-
S5731S-H	S5731S-H24T4XC-A (02352YRG-001)	V200R020C10	-
S5731S-H	S5731S-H24T4XC-A (02352YRG-003)	V200R021C10SPC600	-
S5731S-H	S5731S-H48T4S-A (02353DJG)	V200R020C00	-
S5731S-H	S5731S-H48T4S-A (02353DJG-003)	V200R020C10	-
S5731S-H	S5731S-H48T4S-A (02353DJG-005)	V200R021C10SPC600	-
S5731S-H	S5731S-H48T4X-A (02353HVJ)	V200R020C00	-
S5731S-H	S5731S-H48T4X-A (02353HVJ-003)	V200R020C10	-
S5731S-H	S5731S-H48T4X-A (02353HVJ-005)	V200R021C10SPC600	-
S5731S-H	S5731S-H48T4XC-A (02352YRF)	V200R020C00	-
S5731S-H	S5731S-H48T4XC-A (02352YRF-003)	V200R020C10	-
S5731S-H	S5731S-H48T4XC-A (02352YRF-005)	V200R021C10SPC600	-
S5735-S	S5735-S24T4X (98010938)	V200R020C00	-
S5735-S	S5735-S32ST4X (98010931)	V200R020C00	-
S5735-S	S5735-S48S4X (98010947)	V200R020C00	-
S5735-S	S5735-S48T4X (98010941)	V200R020C00	-
S5735S-S	S5735S-S24T4S-A (98010939)	V200R020C00	-
S5735S-S	S5735S-S24T4X-A (98010967)	V200R020C00	-

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Product	Product Model	First Supported Version	Limitations
S5735S-S	S5735S-S32ST4X-A (98010932)	V200R020C00	-
S5735S-S	S5735S-S48T4S-A (98010942)	V200R020C00	-
S5735S-S	S5735S-S48T4X-A (98010968)	V200R020C00	-
S5735-S-I	S5735-S24T4X-I (98010960)	V200R020C00	-
S5735S-H	S5735S-H24S4XC-A (98011041)	V200R021C01	-
S5735S-H	S5735S-H24T4XC-A (98011025)	V200R020C00	-
S5735S-H	S5735S-H48T4XC-A (98011029)	V200R020C00	-
S5736-S	S5736-S24S4XC (98011038)	V200R021C01	-
S5736-S	S5736-S24T4XC (98011022)	V200R020C00	-
S5736-S	S5736-S48S4XC (98011042)	V200R021C01	-
S5736-S	S5736-S48T4XC (98011026)	V200R020C00	-

Panel

Figure 5-37 Panel of the PDC180S12-CR



1. Lock	2. Indicator	3. Air vent	4. Handle

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5. DC power socket	-	-	-

Table 5-63 Indicators on the PDC180S12-CR

Silkscreen	Name	Color	Status	Description
STAT	Running status indicator	-	Steady off	The power input is abnormal (for example, no input, overvoltage, or undervoltage) or the power output is abnormal (for example, undervoltage or overtemperature).
		Green	Steady on	The power module is working normally.
		Green	Blinking	The output power is out of range, for example, overvoltage, overcurrent, or short circuit occurs.

Functions and Features

Table 5-64 Functions of a 180 W DC power module

Function		Description
Input protection	Input undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.

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Function		Description
	Input overcurrent protection	In this protection state, the power module stops supplying power and cannot automatically resume power supply when the input current restores to the normal range.
Output protection	Output overvoltage protection	In this protection state, the power module stops supplying power intermittently. When the output voltage restores to the normal range, the power module automatically resumes power supply.
	Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is within a range, the power module automatically resumes power supply.
	Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module automatically resumes power supply.
Overtemperature protection		When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Hot swapping		Supported

NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

Technical Specifications

Table 5-65 Technical specifications of the PDC180S12-CR

Item	Specification
Dimensions without packaging (H x W x D) [mm(in.)]	40 mm x 90 mm x 215 mm (1.6 in. x 3.5 in. x 8.5 in.)
Weight without packaging [kg(lb)]	0.62 kg (1.37 lb)
Number of inputs	1
Rated input voltage [V]	-48 V DC to -60 V DC
Input voltage range [V]	-38.4 V DC to -72 V DC
Maximum input current [A]	6 A

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Item	Specification
Rated output voltage [V]	12 V
Rated output current [A]	15 A
Rated output power [W]	180 W
Power dissipation Mode	Natural heat dissipation without fans
Hot swapping	Supported

5.16 PDC-350WA-B (350 W DC Power Module)

Overview

Table 5-66 Basic information about the PDC-350WA-B

Item	Details
Description	350 W DC Power Module
Part Number	02310PQN
Model	PDC-350WA-B

Appearance

Figure 5-38 Appearance of the PDC-350WA-B



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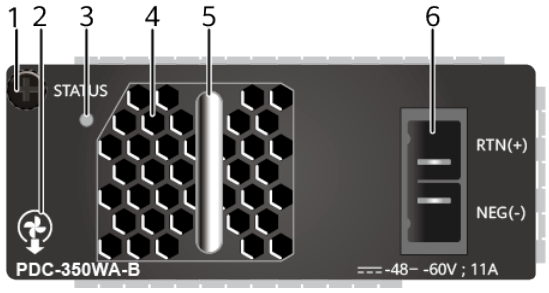
Version Mapping

Table 5-67 Mappings between PDC-350WA-B and product models

Product	Product Model	First Supported Version
S5720-HI	S5720-56C-HI-AC (02358598)	V200R006C00
S5720-HI	S5720-32C-HI-24S-AC (02358600)	V200R006C00
S5730-HI	S5730-60C-HI-48S (02351XFS)	V200R013C00
S5730-HI	S5730-68C-HI-48S (02351XFT)	V200R013C00

Panel

Figure 5-39 Panel of the PDC-350WA-B



1. Captive screw	2. Airflow flag (air out)	3. Indicator	4. Fan air vent
5. Handle	6. DC power socket	-	-

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Table 5-68 Indicators on the PDC-350WA-B

Silkscreen	Name	Color	Status	Description
STAT	Running status indicator	-	Steady off	The power input is abnormal (for example, no input, overvoltage, or undervoltage) or the power output is abnormal (for example, overvoltage, overcurrent, short-circuit, or overtemperature).
		Green	Steady on	The power module is working normally.

Functions and Features

Table 5-69 Functions of a 350 W DC power module

Function		Description
Input protection	Input undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.
	Input overcurrent protection	In this protection state, the power module stops supplying power and cannot automatically start supplying power again when the input current restores to the normal range.
Output protection	Output overvoltage protection	In this protection state, the power module stops supplying power intermittently. When the system recovers from output overvoltage, the power module automatically resumes power supply.

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Function		Description
	Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is within a range, the power module automatically resumes power supply.
	Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module automatically resumes power supply.
Overtemperature protection		When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Hot swapping		Supported

NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

Technical Specifications

Table 5-70 Technical specifications of the PDC-350WA-B

Item	Specification
Dimensions without packaging (H x W x D) [mm(in.)]	40 mm x 100 mm x 205 mm (1.6 in. x 3.9 in. x 8.1 in.)
Weight without packaging [kg(lb)]	0.72 kg (1.59 lb)
Number of inputs	1
Rated input voltage [V]	-48 V DC to -60 V DC
Input voltage range [V]	-38.4 V DC to -72 V DC
Maximum input current [A]	11 A
Rated output voltage [V]	12 V
Rated output current [A]	29.17 A
Rated output power [W]	350 W
Power dissipation Mode	Heat dissipation with fan

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Item	Specification
Hot swapping	Supported

5.17 PAC-600WA-B (600 W AC Power Module)

Overview

Table 5-71 Basic information about the PAC-600WA-B

Item	Details
Description	600 W AC Power Module
Part Number	02310PMH
Model	PAC-600WA-B

Appearance

Figure 5-40 Appearance of the PAC-600WA-B



Version Mapping

Table 5-72 Mappings between PAC-600WA-B and product models

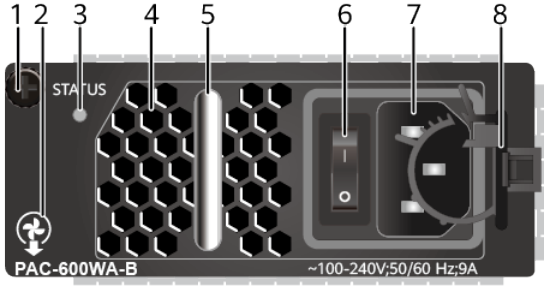
Product	Product Model	First Supported Version
S5720-HI	S5720-56C-HI-AC (02358598)	V200R006C00
S5720-HI	S5720-32C-HI-24S-AC (02358600)	V200R006C00

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Product	Product Model	First Supported Version
S5730-HI	S5730-60C-HI-48S (02351XFS)	V200R013C00
S5730-HI	S5730-68C-HI-48S (02351XFT)	V200R013C00

Panel

Figure 5-41 Panel of the PAC-600WA-B



1. Captive screw	2. Airflow flag (air out)	3. Indicator	4. Fan air vent
5. Handle	6. Power switch	7. Power socket	8. AC power cable locking strap

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Table 5-73 Indicators on the PAC-600WA-B

Silkscreen	Name	Color	Status	Description
STAT	Running status indicator	-	Steady off	The power input is abnormal (for example, no input, overvoltage, or undervoltage) or the power output is abnormal (for example, overvoltage, overcurrent, short-circuit, or overtemperature).
		Green	Steady on	The power module is working normally.

Functions and Features

Table 5-74 Functions of a 600 W AC power module

Function		Description
Input protection	Input undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.
	Input overcurrent protection	In this protection state, the power module stops supplying power and cannot automatically start supplying power again when the input current restores to the normal range.
Output protection	Output overvoltage protection	In this protection state, the power module stops supplying power intermittently. When the system recovers from output overvoltage, the power module automatically resumes power supply.

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Function		Description
	Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is within a range, the power module automatically resumes power supply.
	Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module automatically resumes power supply.
Overtemperature protection		When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Hot swapping		Supported

NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

Technical Specifications

Table 5-75 Technical specifications of the PAC-600WA-B

Item	Specification
Dimensions without packaging (H x W x D) [mm(in.)]	40 mm x 100 mm x 205 mm (1.6 in. x 3.9 in. x 8.1 in.)
Weight without packaging [kg(lb)]	1 kg (2.20 lb)
Number of inputs	1
Rated input voltage [V]	100 V AC to 240 V AC, 50/60 Hz
Input voltage range [V]	90 V AC to 290 V AC, 45 Hz to 65 Hz
Maximum input current [A]	9 A
Rated output voltage [V]	12 V
Rated output current [A]	50 A
Rated output power [W]	600 W
Power dissipation Mode	Heat dissipation with fan
Hot swapping	Supported

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5.18 PAC600S12-CB (600 W AC&240 V DC Power Module)

Overview

Table 5-76 Basic information about the PAC600S12-CB

Item	Details
Description	600 W AC&240 V DC Power Module
Part Number	02312FFU
Model	PAC600S12-CB

Appearance

Figure 5-42 Appearance of the PAC600S12-CB



Version Mapping

Table 5-77 Mappings between PAC600S12-CB and product models

Product	Product Model	First Supported Version	Limitations
S5731-S	S5731-S24T4X (02353AHU)	V200R019C00	-

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Product	Product Model	First Supported Version	Limitations
S5731-S	S5731-S24T4X (02353AHU-001)	V200R020C10	-
S5731-S	S5731-S24T4X (98011851)	V200R021C10SPC600	-
S5731-S	S5731-S32ST4X (98011813)	V200R021C01	-
S5731-S	S5731-S32ST4X (98011813-002)	V200R021C10SPC600	-
S5731-S	S5731-S48S4X (98011805)	V200R021C01	-
S5731-S	S5731-S48S4X (98011805-001)	V200R021C10SPC600	-
S5731-S	S5731-S48T4X (02353AJB)	V200R019C00	-
S5731-S	S5731-S48T4X (02353AJB-003)	V200R020C10	-
S5731-S	S5731-S48T4X (98011847)	V200R021C10SPC600	-
S5731S-S	S5731S-S24T4X-A (02353AHV)	V200R019C00	-
S5731S-S	S5731S-S24T4X-A (02353AHV-001)	V200R020C10	-
S5731S-S	S5731S-S24T4X-A (98011852)	V200R021C10SPC600	-
S5731S-S	S5731S-S32ST4X-A (98011814)	V200R021C01	-
S5731S-S	S5731S-S32ST4X-A (98011814-001)	V200R021C10SPC600	-
S5731S-S	S5731S-S48S4X-A (98011806)	V200R021C01	-
S5731S-S	S5731S-S48S4X-A (98011806-001)	V200R021C10SPC600	-
S5731S-S	S5731S-S48T4X-A (02353AJC)	V200R019C00	-
S5731S-S	S5731S-S48T4X-A (02353AJC-003)	V200R020C10	-

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Product	Product Model	First Supported Version	Limitations
S5731S-S	S5731S-S48T4X-A (98011848)	V200R021C10SPC600	-
S5731-H	S5731-H24T4XC (02352QPP)	V200R013C02	-
S5731-H	S5731-H24T4XC (02352QPP-001)	V200R020C10	-
S5731-H	S5731-H24T4XC (02352QPP-005)	V200R021C10SPC600	-
S5731-H	S5731-H48T4XC (02352QPT)	V200R013C02	-
S5731-H	S5731-H48T4XC (02352QPT-003)	V200R020C10	-
S5731-H	S5731-H48T4XC (02352QPT-007)	V200R021C10SPC600	-
S5731S-H	S5731S-H24T4S-A (02353DJE)	V200R019C00	-
S5731S-H	S5731S-H24T4S-A (02353DJE-001)	V200R020C10	-
S5731S-H	S5731S-H24T4S-A (02353DJE-003)	V200R021C10SPC600	-
S5731S-H	S5731S-H24T4X-A (02353HVH)	V200R019C10	-
S5731S-H	S5731S-H24T4X-A (02353HVH-001)	V200R020C10	-
S5731S-H	S5731S-H24T4X-A (02353HVH-003)	V200R021C10SPC600	-
S5731S-H	S5731S-H24T4XC-A (02352YRG)	V200R019C00	-
S5731S-H	S5731S-H24T4XC-A (02352YRG-001)	V200R020C10	-
S5731S-H	S5731S-H24T4XC-A (02352YRG-003)	V200R021C10SPC600	-
S5731S-H	S5731S-H48T4S-A (02353DJG)	V200R019C00	-
S5731S-H	S5731S-H48T4S-A (02353DJG-003)	V200R020C10	-

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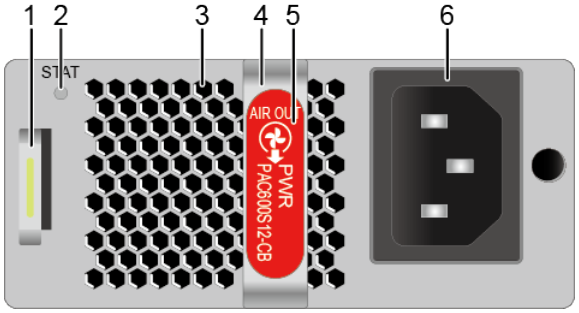
Product	Product Model	First Supported Version	Limitations
S5731S-H	S5731S-H48T4S-A (02353DJG-005)	V200R021C10SPC600	-
S5731S-H	S5731S-H48T4X-A (02353HVJ)	V200R019C10	-
S5731S-H	S5731S-H48T4X-A (02353HVJ-003)	V200R020C10	-
S5731S-H	S5731S-H48T4X-A (02353HVJ-005)	V200R021C10SPC600	-
S5731S-H	S5731S-H48T4XC-A (02352YRF)	V200R019C00	-
S5731S-H	S5731S-H48T4XC-A (02352YRF-003)	V200R020C10	-
S5731S-H	S5731S-H48T4XC-A (02352YRF-005)	V200R021C10SPC600	-
S5732-H	S5732-H24S6Q (02353AJS)	V200R019C00	-
S5732-H	S5732-H24S6Q (02353AJS-001)	V200R020C10	-
S5732-H	S5732-H24S6Q (02353AJS-003)	V200R021C10SPC500	-
S5732-H	S5732-H24S6Q (02353AJS-004)	V200R021C10SPC600	-
S5732-H	S5732-H24S6Q (02353AJS-005)	V200R021C10SPC600	-
S5732-H	S5732-H48S6Q (02353AJU)	V200R019C00	-
S5732-H	S5732-H48S6Q (02353AJU-001)	V200R020C10	-
S5732-H	S5732-H48S6Q (02353AJU-003)	V200R021C10SPC500	-
S5732-H	S5732-H48S6Q (02353AJU-004)	V200R021C10SPC600	-
S5735S-H	S5735S-H24S4XC-A (98011041)	V200R021C01	-
S5736-S	S5736-S24S4XC (98011038)	V200R021C01	-

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Product	Product Model	First Supported Version	Limitations
S5736-S	S5736-S48S4XC (98011042)	V200R021C01	-

Panel

Figure 5-43 Panel of the PAC600S12-CB



1. Lock	2. Indicator	3. Fan air vent	4. Handle
5. Airflow flag (air out)	6. Power socket	-	-

Table 5-78 Indicators on the PAC600S12-CB

Silkscreen	Name	Color	Status	Description
STAT	Running status indicator	-	Steady off	The power input is abnormal (for example, no input, overvoltage, or undervoltage) or the power output is abnormal (for example, overcurrent, overvoltage, short circuit, or overtemperature).

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Silkscreen	Name	Color	Status	Description
		Green	Steady on	The power module is working normally.

Functions and Features

Table 5-79 Functions of a 600 W AC power module

Function		Description
Input protection	Input undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.
	Input overcurrent protection	In this protection state, the power module stops supplying power and cannot automatically resume power supply when the input current restores to the normal range.
Output protection	Output overvoltage protection	In this protection state, the power module stops supplying power intermittently. When the output voltage restores to the normal range, the power module automatically resumes power supply.
	Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is within a range, the power module automatically resumes power supply.
	Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module automatically resumes power supply.
Overtemperature protection		When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Hot swapping		Supported

NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

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Technical Specifications

Table 5-80 Technical specifications of the PAC600S12-CB

Item	Specification
Dimensions without packaging (H x W x D) [mm(in.)]	40 mm x 90 mm x 215 mm (1.6 in. x 3.5 in. x 8.5 in.)
Weight without packaging [kg(lb)]	0.95 kg (2.09 lb)
Number of inputs	1
Rated input voltage [V]	100 V AC to 240 V AC, 50/60 Hz 240 V DC
Input voltage range [V]	90 V AC to 290 V AC, 45 Hz to 65 Hz 190 V DC to 290 V DC
Maximum input current [A]	100 V AC to 240 V AC: 8 A 240 V DC: 4 A
Rated output voltage [V]	12 V
Rated output current [A]	50 A
Rated output power [W]	600 W
Power dissipation Mode	Heat dissipation with fan
Hot swapping	Supported

5.19 PAC600S12-DB (600 W AC&240 V DC Power Module)

Overview

Table 5-81 Basic information about the PAC600S12-DB

Item	Details
Description	600 W AC&240 V DC Power Module
Part Number	02131740
Model	PAC600S12-DB

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Appearance

Figure 5-44 Appearance of the PAC600S12-DB



Version Mapping

Table 5-82 Mappings between PAC600S12-DB and product models

Product	Product Model	First Supported Version	Limitations
S5731-S	S5731-S24T4X (02353AHU)	V200R020C10	-
S5731-S	S5731-S24T4X (02353AHU-001)	V200R020C10	-
S5731-S	S5731-S24T4X (98011851)	V200R021C10SPC600	-
S5731-S	S5731-S32ST4X (98011813)	V200R021C01	-
S5731-S	S5731-S32ST4X (98011813-002)	V200R021C10SPC600	-
S5731-S	S5731-S48S4X (98011805)	V200R021C01	-
S5731-S	S5731-S48S4X (98011805-001)	V200R021C10SPC600	-
S5731-S	S5731-S48T4X (02353AJB)	V200R020C10	-
S5731-S	S5731-S48T4X (02353AJB-003)	V200R020C10	-

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Product	Product Model	First Supported Version	Limitations
S5731-S	S5731-S48T4X (98011847)	V200R021C10SPC600	-
S5731S-S	S5731S-S24T4X-A (02353AHV)	V200R020C10	-
S5731S-S	S5731S-S24T4X-A (02353AHV-001)	V200R020C10	-
S5731S-S	S5731S-S24T4X-A (98011852)	V200R021C10SPC600	-
S5731S-S	S5731S-S32ST4X-A (98011814)	V200R021C01	-
S5731S-S	S5731S-S32ST4X-A (98011814-001)	V200R021C10SPC600	-
S5731S-S	S5731S-S48S4X-A (98011806)	V200R021C01	-
S5731S-S	S5731S-S48S4X-A (98011806-001)	V200R021C10SPC600	-
S5731S-S	S5731S-S48T4X-A (02353AJC)	V200R020C10	-
S5731S-S	S5731S-S48T4X-A (02353AJC-003)	V200R020C10	-
S5731S-S	S5731S-S48T4X-A (98011848)	V200R021C10SPC600	-
S5731-H	S5731-H24T4XC (02352QPP)	V200R020C10	-
S5731-H	S5731-H24T4XC (02352QPP-001)	V200R020C10	-
S5731-H	S5731-H24T4XC (02352QPP-005)	V200R021C10SPC600	-
S5731-H	S5731-H48T4XC (02352QPT)	V200R020C10	-
S5731-H	S5731-H48T4XC (02352QPT-003)	V200R020C10	-
S5731-H	S5731-H48T4XC (02352QPT-007)	V200R021C10SPC600	-
S5731S-H	S5731S-H24T4S-A (02353DJE)	V200R020C10	-

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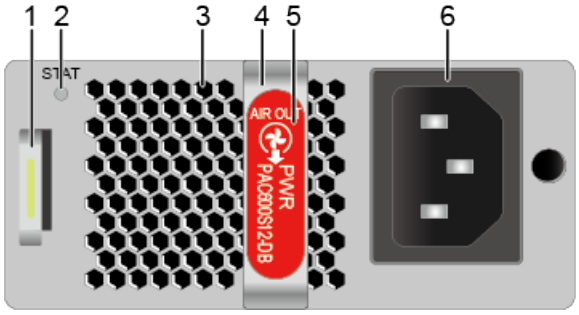
Product	Product Model	First Supported Version	Limitations
S5731S-H	S5731S-H24T4S-A (02353DJE-001)	V200R020C10	-
S5731S-H	S5731S-H24T4S-A (02353DJE-003)	V200R021C10SPC600	-
S5731S-H	S5731S-H24T4X-A (02353HVH)	V200R020C10	-
S5731S-H	S5731S-H24T4X-A (02353HVH-001)	V200R020C10	-
S5731S-H	S5731S-H24T4X-A (02353HVH-003)	V200R021C10SPC600	-
S5731S-H	S5731S-H24T4XC-A (02352YRG)	V200R020C10	-
S5731S-H	S5731S-H24T4XC-A (02352YRG-001)	V200R020C10	-
S5731S-H	S5731S-H24T4XC-A (02352YRG-003)	V200R021C10SPC600	-
S5731S-H	S5731S-H48T4S-A (02353DJG)	V200R020C10	-
S5731S-H	S5731S-H48T4S-A (02353DJG-003)	V200R020C10	-
S5731S-H	S5731S-H48T4S-A (02353DJG-005)	V200R021C10SPC600	-
S5731S-H	S5731S-H48T4X-A (02353HVJ)	V200R020C10	-
S5731S-H	S5731S-H48T4X-A (02353HVJ-003)	V200R020C10	-
S5731S-H	S5731S-H48T4X-A (02353HVJ-005)	V200R021C10SPC600	-
S5731S-H	S5731S-H48T4XC-A (02352YRF)	V200R020C10	-
S5731S-H	S5731S-H48T4XC-A (02352YRF-003)	V200R020C10	-
S5731S-H	S5731S-H48T4XC-A (02352YRF-005)	V200R021C10SPC600	-
S5732-H	S5732-H24S6Q (02353AJS)	V200R020C10	-

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Product	Product Model	First Supported Version	Limitations
S5732-H	S5732-H24S6Q (02353AJS-001)	V200R020C10	-
S5732-H	S5732-H24S6Q (02353AJS-003)	V200R021C10SPC500	-
S5732-H	S5732-H24S6Q (02353AJS-004)	V200R021C10SPC600	-
S5732-H	S5732-H24S6Q (02353AJS-005)	V200R021C10SPC600	-
S5732-H	S5732-H48S6Q (02353AJU)	V200R020C10	-
S5732-H	S5732-H48S6Q (02353AJU-001)	V200R020C10	-
S5732-H	S5732-H48S6Q (02353AJU-003)	V200R021C10SPC500	-
S5732-H	S5732-H48S6Q (02353AJU-004)	V200R021C10SPC600	-
S5735S-H	S5735S-H24S4XC-A (98011041)	V200R021C01	-
S5736-S	S5736-S24S4XC (98011038)	V200R021C01	-
S5736-S	S5736-S48S4XC (98011042)	V200R021C01	-

Panel

Figure 5-45 Panel of the PAC600S12-DB



1. Lock	2. Indicator	3. Fan air vent	4. Handle

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5. Airflow flag (air out)	6. Power socket	-	-

Table 5-83 Indicators on the PAC600S12-DB

Silkscreen	Name	Color	Status	Description
STAT	Running status indicator	-	Steady off	The power input is abnormal (for example, no input, overvoltage, or undervoltage) or the power output is abnormal (for example, overcurrent, overvoltage, short circuit, or overtemperature).
		Green	Steady on	The power module is working normally.

Functions and Features

Table 5-84 Functions of a 600 W AC power module

Function		Description
Input protection	Input undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.
	Input overcurrent protection	In this protection state, the power module stops supplying power and cannot automatically resume power supply when the input current restores to the normal range.

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Function		Description
Output protection	Output overvoltage protection	In this protection state, the power module stops supplying power intermittently. When the output voltage restores to the normal range, the power module automatically resumes power supply.
	Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is within a range, the power module automatically resumes power supply.
	Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module automatically resumes power supply.
Overtemperature protection		When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Hot swapping		Supported

NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

Technical Specifications

Table 5-85 Technical specifications of the PAC600S12-DB

Item	Specification
Dimensions without packaging (H x W x D) [mm(in.)]	40 mm x 90 mm x 215 mm (1.6 in. x 3.5 in. x 8.5 in.)
Weight without packaging [kg(lb)]	0.95 kg (2.09 lb)
Number of inputs	1
Rated input voltage [V]	100 V AC to 240 V AC, 50/60 Hz 240 V DC
Input voltage range [V]	90 V AC to 290 V AC, 45 Hz to 65 Hz 190 V DC to 290 V DC
Maximum input current [A]	100 V AC to 240 V AC: 8 A 240 V DC: 4 A

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Item	Specification
Rated output voltage [V]	12 V
Rated output current [A]	50 A
Rated output power [W]	600 W
Power dissipation Mode	Heat dissipation with fan
Hot swapping	Supported

5.20 PAC600S12-EB (600 W AC&240 V DC Power Module)

Overview

Table 5-86 Basic information about the PAC600S12-EB

Item	Details
Description	600 W AC&240 V DC Power Module
Part Number	02312FFU-002
Model	PAC600S12-EB

Appearance

Figure 5-46 Appearance of the PAC600S12-EB



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Version Mapping

Table 5-87 Mappings between PAC600S12-EB and product models

Product	Product Model	First Supported Version	Limitations
S5731-S	S5731-S24T4X (02353AHU)	V200R019C10	-
S5731-S	S5731-S24T4X (02353AHU-001)	V200R020C10	-
S5731-S	S5731-S24T4X (98011851)	V200R021C10SPC600	-
S5731-S	S5731-S32ST4X (98011813)	V200R021C01	-
S5731-S	S5731-S32ST4X (98011813-002)	V200R021C10SPC600	-
S5731-S	S5731-S48S4X (98011805)	V200R021C01	-
S5731-S	S5731-S48S4X (98011805-001)	V200R021C10SPC600	-
S5731-S	S5731-S48T4X (02353AJB)	V200R019C10	-
S5731-S	S5731-S48T4X (02353AJB-003)	V200R020C10	-
S5731-S	S5731-S48T4X (98011847)	V200R021C10SPC600	-
S5731S-S	S5731S-S24T4X-A (02353AHV)	V200R019C10	-
S5731S-S	S5731S-S24T4X-A (02353AHV-001)	V200R020C10	-
S5731S-S	S5731S-S24T4X-A (98011852)	V200R021C10SPC600	-
S5731S-S	S5731S-S32ST4X-A (98011814)	V200R021C01	-
S5731S-S	S5731S-S32ST4X-A (98011814-001)	V200R021C10SPC600	-
S5731S-S	S5731S-S48S4X-A (98011806)	V200R021C01	-
S5731S-S	S5731S-S48S4X-A (98011806-001)	V200R021C10SPC600	-

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Product	Product Model	First Supported Version	Limitations
S5731S-S	S5731S-S48T4X-A (02353AJC)	V200R019C10	-
S5731S-S	S5731S-S48T4X-A (02353AJC-003)	V200R020C10	-
S5731S-S	S5731S-S48T4X-A (98011848)	V200R021C10SPC600	-
S5731-H	S5731-H24T4XC (02352QPP)	V200R019C10	-
S5731-H	S5731-H24T4XC (02352QPP-001)	V200R020C10	-
S5731-H	S5731-H24T4XC (02352QPP-005)	V200R021C10SPC600	-
S5731-H	S5731-H48T4XC (02352QPT)	V200R019C10	-
S5731-H	S5731-H48T4XC (02352QPT-003)	V200R020C10	-
S5731-H	S5731-H48T4XC (02352QPT-007)	V200R021C10SPC600	-
S5731S-H	S5731S-H24T4S-A (02353DJE)	V200R019C10	-
S5731S-H	S5731S-H24T4S-A (02353DJE-001)	V200R020C10	-
S5731S-H	S5731S-H24T4S-A (02353DJE-003)	V200R021C10SPC600	-
S5731S-H	S5731S-H24T4X-A (02353HVH)	V200R019C10	-
S5731S-H	S5731S-H24T4X-A (02353HVH-001)	V200R020C10	-
S5731S-H	S5731S-H24T4X-A (02353HVH-003)	V200R021C10SPC600	-
S5731S-H	S5731S-H24T4XC-A (02352YRG)	V200R019C10	-
S5731S-H	S5731S-H24T4XC-A (02352YRG-001)	V200R020C10	-
S5731S-H	S5731S-H24T4XC-A (02352YRG-003)	V200R021C10SPC600	-

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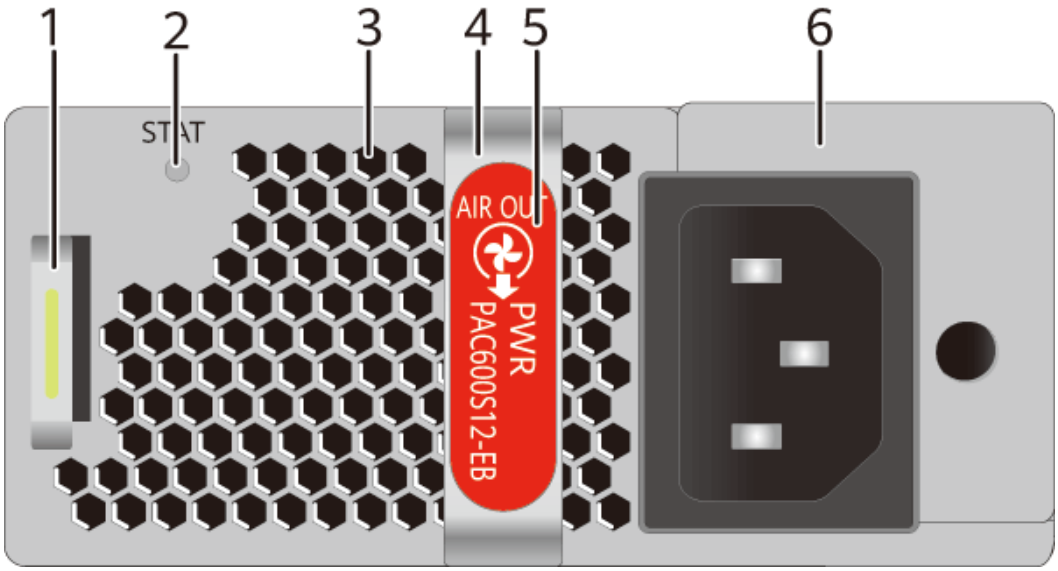
Product	Product Model	First Supported Version	Limitations
S5731S-H	S5731S-H48T4S-A (02353DJG)	V200R019C10	-
S5731S-H	S5731S-H48T4S-A (02353DJG-003)	V200R020C10	-
S5731S-H	S5731S-H48T4S-A (02353DJG-005)	V200R021C10SPC600	-
S5731S-H	S5731S-H48T4X-A (02353HVJ)	V200R019C10	-
S5731S-H	S5731S-H48T4X-A (02353HVJ-003)	V200R020C10	-
S5731S-H	S5731S-H48T4X-A (02353HVJ-005)	V200R021C10SPC600	-
S5731S-H	S5731S-H48T4XC-A (02352YRF)	V200R019C10	-
S5731S-H	S5731S-H48T4XC-A (02352YRF-003)	V200R020C10	-
S5731S-H	S5731S-H48T4XC-A (02352YRF-005)	V200R021C10SPC600	-
S5732-H	S5732-H24S6Q (02353AJS)	V200R019C10	-
S5732-H	S5732-H24S6Q (02353AJS-001)	V200R020C10	-
S5732-H	S5732-H24S6Q (02353AJS-003)	V200R021C10SPC500	-
S5732-H	S5732-H24S6Q (02353AJS-004)	V200R021C10SPC600	-
S5732-H	S5732-H24S6Q (02353AJS-005)	V200R021C10SPC600	-
S5732-H	S5732-H48S6Q (02353AJU)	V200R019C10	-
S5732-H	S5732-H48S6Q (02353AJU-001)	V200R020C10	-
S5732-H	S5732-H48S6Q (02353AJU-003)	V200R021C10SPC500	-
S5732-H	S5732-H48S6Q (02353AJU-004)	V200R021C10SPC600	-

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Product	Product Model	First Supported Version	Limitations
S5735S-H	S5735S-H24S4XC-A (98011041)	V200R021C01	-
S5736-S	S5736-S24S4XC (98011038)	V200R021C01	-
S5736-S	S5736-S48S4XC (98011042)	V200R021C01	-

Panel

Figure 5-47 Panel of the PAC600S12-EB



1. Lock	2. Indicator	3. Fan air vent	4. Handle
5. Airflow flag (air out)	6. Power socket	-	-

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Table 5-88 Indicators on the PAC600S12-EB

Silkscreen	Name	Color	Status	Description
STAT	Running status indicator	-	Steady off	The power input is abnormal (for example, no input, overvoltage, or undervoltage) or the power output is abnormal (for example, overcurrent, overvoltage, short circuit, or overtemperature).
		Green	Steady on	The power module is working normally.

Functions and Features

Table 5-89 Functions of a 600 W AC power module

Function		Description
Input protection	Input undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.
	Input overcurrent protection	In this protection state, the power module stops supplying power and cannot automatically resume power supply when the input current restores to the normal range.
Output protection	Output overvoltage protection	In this protection state, the power module stops supplying power intermittently. When the output voltage restores to the normal range, the power module automatically resumes power supply.

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Function		Description
	Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is within a range, the power module automatically resumes power supply.
	Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module automatically resumes power supply.
Overtemperature protection		When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Hot swapping		Supported

NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

Technical Specifications

Table 5-90 Technical specifications of the PAC600S12-EB

Item	Specification
Dimensions without packaging (H x W x D) [mm(in.)]	40 mm x 90 mm x 215 mm (1.6 in. x 3.5 in. x 8.5 in.)
Weight without packaging [kg(lb)]	0.985 kg (2.17 lb)
Number of inputs	1
Rated input voltage [V]	100 V AC to 240 V AC, 50 Hz/60 Hz 240 V DC
Input voltage range [V]	90 V AC to 290 V AC; 45 Hz to 65 Hz 190 V DC to 290 V DC
Maximum input current [A]	100 V AC to 240 V AC: 8 A 240 V DC: 4 A
Rated output voltage [V]	12 V
Rated output current [A]	50 A
Rated output power [W]	600 W

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Item	Specification
Power dissipation Mode	Heat dissipation with fan
Hot swapping	Supported

5.21 PAC600S56-CB (600 W PoE AC&240 V DC Power Module (Back to Front, Power panel side exhaust))

Overview

Table 5-91 Basic information about the PAC600S56-CB

Item	Details
Description	600 W PoE AC&240 V DC Power Module (Back to Front, Power panel side exhaust)
Part Number	02313PAC
Model	PAC600S56-CB

Appearance

Figure 5-48 Appearance of the PAC600S56-CB



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Version Mapping

Table 5-92 Mappings between PAC600S56-CB and product models

Product	Product Model	First Supported Version	Limitations
S5731-S	S5731-S24P4X (02353AHX)	V200R021C10SPC500	-
S5731-S	S5731-S24P4X (02353AHX-001)	V200R021C10SPC500	-
S5731-S	S5731-S24P4X (02353AHX-003)	V200R021C10SPC600	-
S5731-S	S5731-S48P4X (02353AJH)	V200R021C10SPC500	-
S5731-S	S5731-S48P4X (02353AJH-001)	V200R021C10SPC500	-
S5731-S	S5731-S48P4X (02353AJH-003)	V200R021C10SPC600	-
S5731S-S	S5731S-S24P4X-A (02353AHY)	V200R021C10SPC500	-
S5731S-S	S5731S-S24P4X-A (02353AHY-001)	V200R021C10SPC500	-
S5731S-S	S5731S-S24P4X-A (02353AHY-003)	V200R021C10SPC600	-
S5731S-S	S5731S-S48P4X-A (02353AJJ)	V200R021C10SPC500	-
S5731S-S	S5731S-S48P4X-A (02353AJJ-001)	V200R021C10SPC500	-
S5731S-S	S5731S-S48P4X-A (02353AJJ-003)	V200R021C10SPC600	-
S5731-H	S5731-H24HB4XZ (02354QXD)	V200R021C10SPC500	-
S5731-H	S5731-H24HB4XZ (02354QXD-001)	V200R021C10SPC600	-
S5731-H	S5731-H24P4XC (02352QPV)	V200R021C10SPC500	-
S5731-H	S5731-H24P4XC (02352QPV-001)	V200R021C10SPC500	-
S5731-H	S5731-H24P4XC (02352QPV-003)	V200R021C10SPC600	-

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Product	Product Model	First Supported Version	Limitations
S5731-H	S5731-H48HB4XZ (02354QXB)	V200R021C10SPC500	-
S5731-H	S5731-H48HB4XZ (02354QXB-001)	V200R021C10SPC600	-
S5731-H	S5731-H48P4XC (02352SVD)	V200R021C10SPC500	-
S5731-H	S5731-H48P4XC (02352SVD-001)	V200R021C10SPC500	-
S5731-H	S5731-H48P4XC (02352SVD-003)	V200R021C10SPC600	-
S5731S-H	S5731S-H24HB4XZ-A (02354QXE)	V200R021C10SPC500	-
S5731S-H	S5731S-H24HB4XZ-A (02354QXE-001)	V200R021C10SPC600	-
S5731S-H	S5731S-H48HB4XZ-A (02354QXC)	V200R021C10SPC500	-
S5731S-H	S5731S-H48HB4XZ-A (02354QXC-001)	V200R021C10SPC600	-
S5732-H	S5732-H24UM2CC (02353HUC)	V200R021C10SPC500	-
S5732-H	S5732-H24UM2CC (02353HUC-003)	V200R021C10SPC500	-
S5732-H	S5732-H24UM2CC (02353SJY)	V200R021C10SPC500	-
S5732-H	S5732-H24UM2CC (02353SJY-001)	V200R021C10SPC500	-
S5732-H	S5732-H24UM2CC (02353SJY-004)	V200R021C10SPC500	-
S5732-H	S5732-H24UM2CC (02353SJY-010)	V200R021C10SPC500	-

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Product	Product Model	First Supported Version	Limitations
S5732-H	S5732-H24UM2CC (02353SJY-011)	V200R021C10SPC500	-
S5732-H	S5732-H24UM2CC (02353SJY-014)	V200R021C10SPC500	-
S5732-H	S5732-H24UM2CC (02353SJY-015)	V200R021C10SPC600	-
S5732-H	S5732-H24UM2CC (02353SJY-016)	V200R021C10SPC600	-
S5732-H	S5732-H24UM2CC (02353SJY-019)	V200R021C10SPC600	-
S5732-H	S5732-H24UM2CC (02353SJY-020)	V200R022C00	-
S5732-H	S5732-H24UM2CC (02353SJY-021)	V200R022C00	-
S5732-H	S5732-H24UM2CC (02353SJY-024)	V200R022C00	-
S5732-H	S5732-H48UM2CC (02353HUB)	V200R021C10SPC500	-
S5732-H	S5732-H48UM2CC (02353HUB-002)	V200R021C10SPC500	-
S5732-H	S5732-H48UM2CC (02353SJT)	V200R021C10SPC500	-
S5732-H	S5732-H48UM2CC (02353SJT-001)	V200R021C10SPC500	-
S5732-H	S5732-H48UM2CC (02353SJT-003)	V200R021C10SPC500	-

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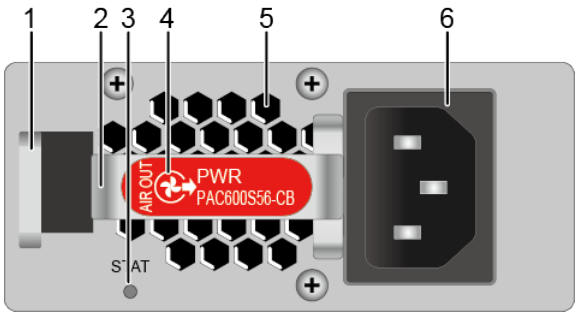
Product	Product Model	First Supported Version	Limitations
S5732-H	S5732-H48UM2CC (02353SJT-004)	V200R021C10SPC500	-
S5732-H	S5732-H48UM2CC (02353SJT-010)	V200R021C10SPC500	-
S5732-H	S5732-H48UM2CC (02353SJT-011)	V200R021C10SPC500	-
S5732-H	S5732-H48UM2CC (02353SJT-013)	V200R021C10SPC500	-
S5732-H	S5732-H48UM2CC (02353SJT-014)	V200R021C10SPC500	-
S5732-H	S5732-H48UM2CC (02353SJT-015)	V200R021C10SPC600	-
S5732-H	S5732-H48UM2CC (02353SJT-016)	V200R021C10SPC600	-
S5732-H	S5732-H48UM2CC (02353SJT-018)	V200R021C10SPC600	-
S5732-H	S5732-H48UM2CC (02353SJT-019)	V200R021C10SPC600	-
S5732-H	S5732-H48UM2CC (02353SJT-020)	V200R022C00	-
S5732-H	S5732-H48UM2CC (02353SJT-021)	V200R022C00	-
S5732-H	S5732-H48UM2CC (02353SJT-023)	V200R022C00	-
S5732-H	S5732-H48UM2CC (02353SJT-024)	V200R022C00	-

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Product	Product Model	First Supported Version	Limitations
S5732-H	S5732-H48XUM2CC (02353MLH)	V200R021C10SPC500	-
S5732-H	S5732-H48XUM2CC (02353MLH-001)	V200R021C10SPC500	-
S5732-H	S5732-H48XUM2CC (02353MLH-002)	V200R023C10	-
S5735S-H	S5735S-H24U4XC-A (98011033)	V200R021C10SPC500	-
S5735S-H	S5735S-H48U4XC-A (98011037)	V200R021C10SPC500	-
S5736-S	S5736-S24U4XC (98011030)	V200R021C10SPC500	-
S5736-S	S5736-S24UM4XC (98011020)	V200R021C10SPC500	-
S5736-S	S5736-S24UM4XC (98011020-001)	V200R021C10SPC500	-
S5736-S	S5736-S24UM4XC (98011020-004)	V200R021C10SPC500	-
S5736-S	S5736-S48U4XC (98011034)	V200R021C10SPC500	-

Panel

Figure 5-49 Panel of the PAC600S56-CB



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1. Lock	2. Handle	3. Indicator	4. Airflow flag (air out)
5. Fan air vent	6. Power socket	-	-

Table 5-93 Indicators on the PAC600S56-CB

Silkscreen	Name	Color	Status	Description
STAT	Running status indicator	-	Steady off	The power input is abnormal (for example, no input, overvoltage, or undervoltage) or the power output is abnormal (for example, overvoltage or overtemperature).
		Green	Steady on	The power module output is normal.

Functions and Features

Table 5-94 Functions of a 600 W AC PoE power module

Function	Description
PoE power supply	Provides PoE power.
Input protection	Provides protection against input overvoltage, input undervoltage, and input overcurrent.
Output protection	Provides protection against output overvoltage, output overcurrent, and output short circuits.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.

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Function	Description
Hot swapping	Supported

NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

Technical Specifications

Table 5-95 Technical specifications of the PAC600S56-CB

Item	Specification
Dimensions without packaging (H x W x D) [mm(in.)]	40 mm x 90 mm x 215 mm (1.6 in. x 3.5 in. x 8.5 in.)
Weight without packaging [kg(lb)]	1.1 kg (2.43 lb)
Number of inputs	1
Rated input voltage [V]	100 V AC to 130 V AC; 50/60 Hz 200 V AC to 240 V AC; 50/60 Hz 240 V DC
Input voltage range [V]	90 V AC to 290 V AC; 45 Hz~66 Hz 190 V DC to 290 V DC
Maximum input current [A]	100 V AC to 130 V AC: 8 A 200 V AC to 240 V AC: 8 A 240 V DC: 4 A
Rated output voltage [V]	56 V
Rated output current [A]	100 V AC to 130 V AC input: 5.36 A 200–240 V AC and 240 V DC input: 10.72 A
Rated output power [W]	100 V AC to 130 V AC input: · Total power: 300 W 200 V AC to 240 V AC input and 240 V DC input: · Total power: 600 W
Power dissipation Mode	Heat dissipation with fan
Hot swapping	Supported

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5.22 PAC600S56-EB (600 W PoE AC&240 V DC Power Module (66mm Width Case, Back to Front, Power panel side exhaust))

Overview

Table 5-96 Basic information about the PAC600S56-EB

Item	Details
Description	600 W PoE AC&240 V DC Power Module (66mm Width Case, Back to Front, Power panel side exhaust)
Part Number	02314APV
Model	PAC600S56-EB

Appearance

Figure 5-50 Appearance of the PAC600S56-EB



NOTE

Figures in the document are for reference only, and the actual appearance of the devices may vary depending on the exact device model.

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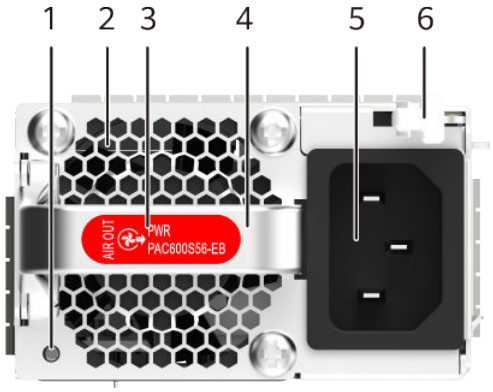
Version Mapping

Table 5-97 Mappings between PAC600S56-EB and product models

Product	Product Model	First Supported Version	Limitations
S5731-S	S5731-S24UN4X2Q (02354VCC)	V200R022C00	-
S5731-S	S5731-S8UM16UN2Q (02354VCD)	V200R022C00	-

Panel

Figure 5-51 Panel of the PAC600S56-EB



1. Running status indicator	2. Air vent hole	3. Airflow flag (air out)	4. Handle
5. Power socket	6. Lock	-	-

Table 5-98 Indicators on the PAC600S56-EB

Silkscreen	Name	Color	Status	Description
-	Running status indicator	Green	Steady on	The power module output is normal.
		Green	Fast blinking (4 Hz)	Online loading

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Silkscreen	Name	Color	Status	Description
		-	Steady off	• The power module is powered on but not inserted into the system. • The power module input is normal but there is no output due to power overtemperature protection, output overcurrent, output overvoltage protection, short circuit protection, or component failure. • The input is abnormal or there is no output due to no input.

Functions and Features

Table 5-99 Functions and features of the PAC600S56-EB

Functions and Features	Description
Input overvoltage protection	In this protection state, the power module is turned off and stops supplying power. When the fault is eliminated, the power module can automatically resume power supply.

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Functions and Features	Description
Input undervoltage protection	In this protection state, the power module is turned off and stops supplying power. When the fault is eliminated, the power module can automatically resume power supply.
Output overvoltage protection	In this protection state, the power module is in hiccup protection mode. If the power module enters this mode multiple times, the power output will be locked and the power module cannot automatically resume power supply.
Output overcurrent protection	In this protection state, the power module is in hiccup protection mode. If the power module enters this mode multiple times, the power output will be locked. You can use any of the following methods to unlock the power module: ● Power off the power module for 2s. ● Clear the 0x03 alarm. ● Run the reset command.
Output short-circuit protection	In this protection state, the power module is in hiccup protection mode. If the power module enters this mode multiple times, the power output will be locked. You can use any of the following methods to unlock the power module: ● Power off the power module for 2s. ● Clear the 0x03 alarm. ● Run the reset command.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.

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Technical Specifications

Table 5-100 Technical specifications of the PAC600S56-EB

Item	Specification
Dimensions without packaging (H x W x D) [mm(in.)]	40 mm x 66 mm x 215 mm (1.57 in. x 2.6 in. x 8.46 in.)
Weight without packaging [kg(lb)]	0.9 kg (1.98 lb)
Number of inputs	1
Rated input voltage [V]	100 V AC to 130 V AC; 50/60 Hz 200 V AC to 240 V AC; 50/60 Hz 240 V DC
Input voltage range [V]	90 V AC to 290 V AC; 45 Hz~66 Hz 190 V DC to 290 V DC
Maximum input current [A]	100 V AC to 130 V AC: 8 A 200 V AC to 240 V AC: 8 A 240 V DC: 4 A
Rated output voltage [V]	53.5 V or 55.5 V
Rated output current [A]	11.21 A @53.5 V, 10.81 A @55.5 V
Rated output power [W]	100 V AC to 130 V AC input: · Total power: 300 W 200 V AC to 240 V AC input and 240 V DC input: · Total power: 600 W
Power dissipation Mode	Heat dissipation with fan
Hot swapping	Supported

5.23 PAC1000S56-CB (02312KND: 1000 W PoE AC&240 V DC Power Module)

Overview

Table 5-101 Basic information about the PAC1000S56-CB

Item	Details
Description	1000 W PoE AC&240 V DC Power Module

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Item	Details
Part Number	02312KND
Model	PAC1000S56-CB

Appearance

Figure 5-52 Appearance of the PAC1000S56-CB



Version Mapping

Table 5-102 Mappings between PAC1000S56-CB and product models

Product	Product Model	First Supported Version	Limitations
S5731-S	S5731-S24P4X (02353AHX)	V200R019C00	-
S5731-S	S5731-S24P4X (02353AHX-001)	V200R020C10	-
S5731-S	S5731-S24P4X (02353AHX-003)	V200R021C10SPC600	-
S5731-S	S5731-S48P4X (02353AJH)	V200R019C00	-
S5731-S	S5731-S48P4X (02353AJH-001)	V200R020C10	-
S5731-S	S5731-S48P4X (02353AJH-003)	V200R021C10SPC600	-

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Product	Product Model	First Supported Version	Limitations
S5731S-S	S5731S-S24P4X-A (02353AHY)	V200R019C00	-
S5731S-S	S5731S-S24P4X-A (02353AHY-001)	V200R020C10	-
S5731S-S	S5731S-S24P4X-A (02353AHY-003)	V200R021C10SPC600	-
S5731S-S	S5731S-S48P4X-A (02353AJJ)	V200R019C00	-
S5731S-S	S5731S-S48P4X-A (02353AJJ-001)	V200R020C10	-
S5731S-S	S5731S-S48P4X-A (02353AJJ-003)	V200R021C10SPC600	-
S5731-H	S5731-H24HB4XZ (02354QXD)	V200R021C10SPC500	-
S5731-H	S5731-H24HB4XZ (02354QXD-001)	V200R021C10SPC600	-
S5731-H	S5731-H24P4XC (02352QPV)	V200R013C02	-
S5731-H	S5731-H24P4XC (02352QPV-001)	V200R020C10	-
S5731-H	S5731-H24P4XC (02352QPV-003)	V200R021C10SPC600	-
S5731-H	S5731-H48HB4XZ (02354QXB)	V200R021C10SPC500	-
S5731-H	S5731-H48HB4XZ (02354QXB-001)	V200R021C10SPC600	-
S5731-H	S5731-H48P4XC (02352SVD)	V200R013C02	-
S5731-H	S5731-H48P4XC (02352SVD-001)	V200R020C10	-
S5731-H	S5731-H48P4XC (02352SVD-003)	V200R021C10SPC600	-
S5731S-H	S5731S-H24HB4XZ-A (02354QXE)	V200R021C10SPC500	-
S5731S-H	S5731S-H24HB4XZ-A (02354QXE-001)	V200R021C10SPC600	-

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Product	Product Model	First Supported Version	Limitations
S5731S-H	S5731S-H48HB4XZ-A (02354QXC)	V200R021C10SPC500	-
S5731S-H	S5731S-H48HB4XZ-A (02354QXC-001)	V200R021C10SPC600	-
S5732-H	S5732-H24UM2CC (02353HUC)	V200R019C10SPC500	-
S5732-H	S5732-H24UM2CC (02353HUC-003)	V200R021C10SPC500	-
S5732-H	S5732-H24UM2CC (02353SJY)	V200R019C10SPC500	-
S5732-H	S5732-H24UM2CC (02353SJY-001)	V200R019C10SPC500	-
S5732-H	S5732-H24UM2CC (02353SJY-004)	V200R019C10SPC500	-
S5732-H	S5732-H24UM2CC (02353SJY-010)	V200R021C10SPC500	-
S5732-H	S5732-H24UM2CC (02353SJY-011)	V200R021C10SPC500	-
S5732-H	S5732-H24UM2CC (02353SJY-014)	V200R021C10SPC500	-
S5732-H	S5732-H24UM2CC (02353SJY-015)	V200R021C10SPC600	-
S5732-H	S5732-H24UM2CC (02353SJY-016)	V200R021C10SPC600	-
S5732-H	S5732-H24UM2CC (02353SJY-019)	V200R021C10SPC600	-

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Product	Product Model	First Supported Version	Limitations
S5732-H	S5732-H24UM2CC (02353SJY-020)	V200R022C00	-
S5732-H	S5732-H24UM2CC (02353SJY-021)	V200R022C00	-
S5732-H	S5732-H24UM2CC (02353SJY-024)	V200R022C00	-
S5732-H	S5732-H48UM2CC (02353HUB)	V200R019C10SPC500	-
S5732-H	S5732-H48UM2CC (02353HUB-002)	V200R021C10SPC500	-
S5732-H	S5732-H48UM2CC (02353SJT)	V200R019C10SPC500	-
S5732-H	S5732-H48UM2CC (02353SJT-001)	V200R019C10SPC500	-
S5732-H	S5732-H48UM2CC (02353SJT-003)	V200R019C10SPC500	-
S5732-H	S5732-H48UM2CC (02353SJT-004)	V200R019C10	-
S5732-H	S5732-H48UM2CC (02353SJT-010)	V200R021C10SPC500	-
S5732-H	S5732-H48UM2CC (02353SJT-011)	V200R021C10SPC500	-
S5732-H	S5732-H48UM2CC (02353SJT-013)	V200R021C10SPC500	-
S5732-H	S5732-H48UM2CC (02353SJT-014)	V200R021C10SPC500	-

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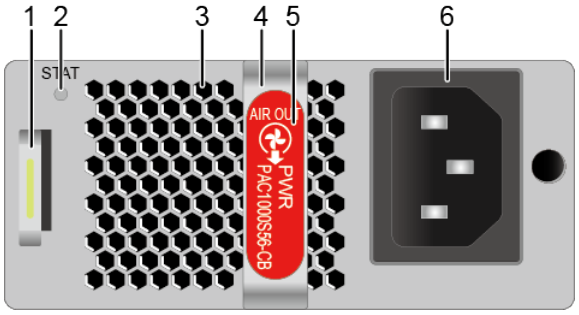
Product	Product Model	First Supported Version	Limitations
S5732-H	S5732-H48UM2CC (02353SJT-015)	V200R021C10SPC600	-
S5732-H	S5732-H48UM2CC (02353SJT-016)	V200R021C10SPC600	-
S5732-H	S5732-H48UM2CC (02353SJT-018)	V200R021C10SPC600	-
S5732-H	S5732-H48UM2CC (02353SJT-019)	V200R021C10SPC600	-
S5732-H	S5732-H48UM2CC (02353SJT-020)	V200R022C00	-
S5732-H	S5732-H48UM2CC (02353SJT-021)	V200R022C00	-
S5732-H	S5732-H48UM2CC (02353SJT-023)	V200R022C00	-
S5732-H	S5732-H48UM2CC (02353SJT-024)	V200R022C00	-
S5732-H	S5732-H48XUM2CC (02353MLH)	V200R019C20	-
S5732-H	S5732-H48XUM2CC (02353MLH-001)	V200R021C10SPC500	-
S5732-H	S5732-H48XUM2CC (02353MLH-002)	V200R023C10	-
S5735-L	S5735-L48P4X-A (98010944)	V200R019C00	-
S5735S-L	S5735S-L48P4S-A (98010946)	V200R019C00	-
S5735S-L	S5735S-L48P4X-A (98010945)	V200R019C00	-

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Product	Product Model	First Supported Version	Limitations
S5735-S	S5735-S24P4X (98010940)	V200R019C00	-
S5735-S	S5735-S48P4X (98010943)	V200R019C00	-
S5735S-S	S5735S-S24P4X-A (98010969)	V200R019C10	-
S5735S-S	S5735S-S48P4X-A (98010970)	V200R019C10SPC500	-
S5735S-H	S5735S-H24U4XC-A (98011033)	V200R020C00	-
S5735S-H	S5735S-H48U4XC-A (98011037)	V200R020C00	-
S5736-S	S5736-S24U4XC (98011030)	V200R020C00	-
S5736-S	S5736-S24UM4XC (98011020)	V200R020C00	-
S5736-S	S5736-S24UM4XC (98011020-001)	V200R020C00	-
S5736-S	S5736-S24UM4XC (98011020-004)	V200R020C00	-
S5736-S	S5736-S48U4XC (98011034)	V200R020C00	-

Panel

Figure 5-53 Panel of the PAC1000S56-CB



1. Lock	2. Indicator	3. Fan air vent	4. Handle

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5. Airflow flag (air out)	6. Power socket	-	-

Table 5-103 Indicators on the PAC1000S56-CB

Silkscreen	Name	Color	Status	Description
STAT	Running status indicator	-	Steady off	The power input is abnormal (for example, no input, overvoltage, or undervoltage) or the power output is abnormal (for example, overvoltage or overtemperature).
		Green	Steady on	The power module output is normal.

Functions and Features

Table 5-104 Functions of a 1000 W AC PoE power module

Function	Description
PoE power supply	Provides PoE power.
Input protection	Provides protection against input overvoltage, input undervoltage, and input overcurrent.
Output protection	Provides protection against output overvoltage, output overcurrent, and output short circuits.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Hot swapping	Supported

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NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

Technical Specifications

Table 5-105 Technical specifications of the PAC1000S56-CB

Item	Specification
Dimensions without packaging (H x W x D) [mm(in.)]	40 mm x 90 mm x 215 mm (1.6 in. x 3.5 in. x 8.5 in.)
Weight without packaging [kg(lb)]	1.1 kg (2.43 lb)
Number of inputs	1
Rated input voltage [V]	100 V AC to 130 V AC, 50/60 Hz 200 V AC to 240 V AC, 50/60 Hz 240 V DC
Input voltage range [V]	90 V AC to 290 V AC, 45 Hz to 65 Hz 190 V DC to 290 V DC
Maximum input current [A]	100 V AC to 130 V AC: 12 A 200 V AC to 240 V AC: 8 A 240 V DC: 8 A
Rated output voltage [V]	56 V
Rated output current [A]	100 V AC to 130 V AC input: 16.08 A 200 V AC to 240 V AC input and 240 V DC input: 17.86 A
Rated output power [W]	100 V AC to 130 V AC input: •Total: 900 W 200 V AC to 240 V AC input and 240 V DC input: •Total: 1000 W
Power dissipation Mode	Heat dissipation with fan
Hot swapping	Supported

5.24 PAC1000S56-CB (02312KND-001: 1000 W PoE AC&240 V DC Power Module)

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Overview

Table 5-106 Basic information about the PAC1000S56-CB

Item	Details
Description	1000 W PoE AC&240 V DC Power Module
Part Number	02312KND-001
Model	PAC1000S56-CB

Appearance

Figure 5-54 Appearance of the PAC1000S56-CB



Version Mapping

Table 5-107 Mappings between PAC1000S56-CB and product models

Product	Product Model	First Supported Version	Limitations
S5731-S	S5731-S24P4X (02353AHX)	V200R021C10	-
S5731-S	S5731-S24P4X (02353AHX-001)	V200R020C10	-
S5731-S	S5731-S24P4X (02353AHX-003)	V200R021C10SPC600	-
S5731-S	S5731-S48P4X (02353AJH)	V200R021C10	-
S5731-S	S5731-S48P4X (02353AJH-001)	V200R020C10	-

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Product	Product Model	First Supported Version	Limitations
S5731-S	S5731-S48P4X (02353AJH-003)	V200R021C10SPC600	-
S5731S-S	S5731S-S24P4X-A (02353AHY)	V200R021C10	-
S5731S-S	S5731S-S24P4X-A (02353AHY-001)	V200R020C10	-
S5731S-S	S5731S-S24P4X-A (02353AHY-003)	V200R021C10SPC600	-
S5731S-S	S5731S-S48P4X-A (02353AJJ)	V200R021C10	-
S5731S-S	S5731S-S48P4X-A (02353AJJ-001)	V200R020C10	-
S5731S-S	S5731S-S48P4X-A (02353AJJ-003)	V200R021C10SPC600	-
S5731-H	S5731-H24HB4XZ (02354QXD)	V200R021C10SPC500	-
S5731-H	S5731-H24HB4XZ (02354QXD-001)	V200R021C10SPC600	-
S5731-H	S5731-H24P4XC (02352QPV)	V200R019C10	-
S5731-H	S5731-H24P4XC (02352QPV-001)	V200R020C10	-
S5731-H	S5731-H24P4XC (02352QPV-003)	V200R021C10SPC600	-
S5731-H	S5731-H48HB4XZ (02354QXB)	V200R021C10SPC500	-
S5731-H	S5731-H48HB4XZ (02354QXB-001)	V200R021C10SPC600	-
S5731-H	S5731-H48P4XC (02352SVD)	V200R019C10	-
S5731-H	S5731-H48P4XC (02352SVD-001)	V200R020C10	-
S5731-H	S5731-H48P4XC (02352SVD-003)	V200R021C10SPC600	-
S5731S-H	S5731S-H24HB4XZ-A (02354QXE)	V200R021C10SPC500	-

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Product	Product Model	First Supported Version	Limitations
S5731S-H	S5731S-H24HB4XZ-A (02354QXE-001)	V200R021C10SPC600	-
S5731S-H	S5731S-H48HB4XZ-A (02354QXC)	V200R021C10SPC500	-
S5731S-H	S5731S-H48HB4XZ-A (02354QXC-001)	V200R021C10SPC600	-
S5732-H	S5732-H24UM2CC (02353HUC)	V200R019C10SPC500	-
S5732-H	S5732-H24UM2CC (02353HUC-003)	V200R021C10SPC500	-
S5732-H	S5732-H24UM2CC (02353SJY)	V200R019C10SPC500	-
S5732-H	S5732-H24UM2CC (02353SJY-001)	V200R019C10SPC500	-
S5732-H	S5732-H24UM2CC (02353SJY-004)	V200R019C10SPC500	-
S5732-H	S5732-H24UM2CC (02353SJY-010)	V200R021C10SPC500	-
S5732-H	S5732-H24UM2CC (02353SJY-011)	V200R021C10SPC500	-
S5732-H	S5732-H24UM2CC (02353SJY-014)	V200R021C10SPC500	-
S5732-H	S5732-H24UM2CC (02353SJY-015)	V200R021C10SPC600	-
S5732-H	S5732-H24UM2CC (02353SJY-016)	V200R021C10SPC600	-

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Product	Product Model	First Supported Version	Limitations
S5732-H	S5732-H24UM2CC (02353SJY-019)	V200R021C10SPC600	-
S5732-H	S5732-H24UM2CC (02353SJY-020)	V200R022C00	-
S5732-H	S5732-H24UM2CC (02353SJY-021)	V200R022C00	-
S5732-H	S5732-H24UM2CC (02353SJY-024)	V200R022C00	-
S5732-H	S5732-H48UM2CC (02353HUB)	V200R019C10SPC500	-
S5732-H	S5732-H48UM2CC (02353HUB-002)	V200R021C10SPC500	-
S5732-H	S5732-H48UM2CC (02353SJT)	V200R019C10SPC500	-
S5732-H	S5732-H48UM2CC (02353SJT-001)	V200R019C10SPC500	-
S5732-H	S5732-H48UM2CC (02353SJT-003)	V200R019C10SPC500	-
S5732-H	S5732-H48UM2CC (02353SJT-004)	V200R019C10	-
S5732-H	S5732-H48UM2CC (02353SJT-010)	V200R021C10SPC500	-
S5732-H	S5732-H48UM2CC (02353SJT-011)	V200R021C10SPC500	-
S5732-H	S5732-H48UM2CC (02353SJT-013)	V200R021C10SPC500	-

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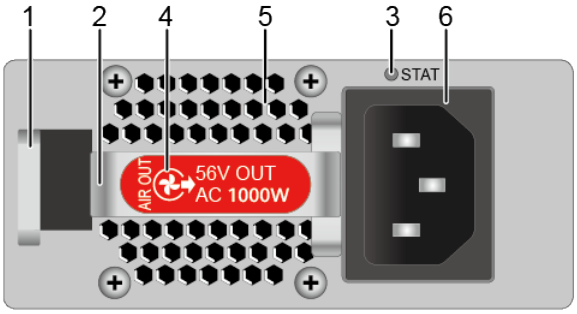
Product	Product Model	First Supported Version	Limitations
S5732-H	S5732-H48UM2CC (02353SJT-014)	V200R021C10SPC500	-
S5732-H	S5732-H48UM2CC (02353SJT-015)	V200R021C10SPC600	-
S5732-H	S5732-H48UM2CC (02353SJT-016)	V200R021C10SPC600	-
S5732-H	S5732-H48UM2CC (02353SJT-018)	V200R021C10SPC600	-
S5732-H	S5732-H48UM2CC (02353SJT-019)	V200R021C10SPC600	-
S5732-H	S5732-H48UM2CC (02353SJT-020)	V200R022C00	-
S5732-H	S5732-H48UM2CC (02353SJT-021)	V200R022C00	-
S5732-H	S5732-H48UM2CC (02353SJT-023)	V200R022C00	-
S5732-H	S5732-H48UM2CC (02353SJT-024)	V200R022C00	-
S5732-H	S5732-H48XUM2CC (02353MLH)	V200R019C20	-
S5732-H	S5732-H48XUM2CC (02353MLH-001)	V200R021C10SPC500	-
S5732-H	S5732-H48XUM2CC (02353MLH-002)	V200R023C10	-
S5735-L	S5735-L48P4X-A (98010944)	V200R019C10	-
S5735S-L	S5735S-L48P4S-A (98010946)	V200R019C10	-

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Product	Product Model	First Supported Version	Limitations
S5735S-L	S5735S-L48P4X-A (98010945)	V200R019C10	-
S5735-S	S5735-S24P4X (98010940)	V200R019C10	-
S5735-S	S5735-S48P4X (98010943)	V200R019C10	-
S5735S-S	S5735S-S24P4X-A (98010969)	V200R019C10	-
S5735S-S	S5735S-S48P4X-A (98010970)	V200R019C10SPC500	-
S5735S-H	S5735S-H24U4XC-A (98011033)	V200R020C00	-
S5735S-H	S5735S-H48U4XC-A (98011037)	V200R020C00	-
S5736-S	S5736-S24U4XC (98011030)	V200R020C00	-
S5736-S	S5736-S24UM4XC (98011020)	V200R020C00	-
S5736-S	S5736-S24UM4XC (98011020-001)	V200R020C00	-
S5736-S	S5736-S24UM4XC (98011020-004)	V200R020C00	-
S5736-S	S5736-S48U4XC (98011034)	V200R020C00	-

Panel

Figure 5-55 Panel of the PAC1000S56-CB



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1. Lock	2. Indicator	3. Fan air vent	4. Handle
5. Airflow flag (air out)	6. Power socket	-	-

Table 5-108 Indicators on the PAC1000S56-CB

Silkscreen	Name	Color	Status	Description
STAT	Running status indicator	-	Steady off	The power input is abnormal (for example, no input, overvoltage, or undervoltage) or the power output is abnormal (for example, overvoltage or overtemperature).
		Green	Steady on	The power module output is normal.

Functions and Features

Table 5-109 Functions of a 1000 W AC PoE power module

Function	Description
PoE power supply	Provides PoE power.
Input protection	Provides protection against input overvoltage, input undervoltage, and input overcurrent.
Output protection	Provides protection against output overvoltage, output overcurrent, and output short circuits.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.

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Function	Description
Hot swapping	Supported

NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

Technical Specifications

Table 5-110 Technical specifications of the PAC1000S56-CB

Item	Specification
Dimensions without packaging (H x W x D) [mm(in.)]	40 mm x 90 mm x 215 mm (1.6 in. x 3.5 in. x 8.5 in.)
Weight without packaging [kg(lb)]	1.1 kg (2.43 lb)
Number of inputs	1
Rated input voltage [V]	100 V AC to 130 V AC, 50/60 Hz 200 V AC to 240 V AC, 50/60 Hz 240 V DC
Input voltage range [V]	90 V AC to 290 V AC, 45 Hz to 65 Hz 190 V DC to 290 V DC
Maximum input current [A]	100 V AC to 130 V AC: 12 A 200 V AC to 240 V AC: 8 A 240 V DC: 8 A
Rated output voltage [V]	56 V
Rated output current [A]	100 V AC to 130 V AC input: 16.08 A 200 V AC to 240 V AC input and 240 V DC input: 17.86 A
Rated output power [W]	100 V AC to 130 V AC input: •Total: 900 W 200 V AC to 240 V AC input and 240 V DC input: •Total: 1000 W
Power dissipation Mode	Heat dissipation with fan
Hot swapping	Supported

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5.25 PAC1000S56-DB (1000 W PoE AC&240 V DC Power Module)

Overview

Table 5-111 Basic information about the PAC1000S56-DB

Item	Details
Description	1000 W PoE AC&240 V DC Power Module
Part Number	02131727
Model	PAC1000S56-DB

Appearance

Figure 5-56 Appearance of the PAC1000S56-DB



Version Mapping

Table 5-112 Mappings between PAC1000S56-DB and product models

Product	Product Model	First Supported Version	Limitations
S5731-S	S5731-S24P4X (02353AHX)	V200R020C10	-

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Product	Product Model	First Supported Version	Limitations
S5731-S	S5731-S24P4X (02353AHX-001)	V200R020C10	-
S5731-S	S5731-S24P4X (02353AHX-003)	V200R021C10SPC600	-
S5731-S	S5731-S48P4X (02353AJH)	V200R020C10	-
S5731-S	S5731-S48P4X (02353AJH-001)	V200R020C10	-
S5731-S	S5731-S48P4X (02353AJH-003)	V200R021C10SPC600	-
S5731S-S	S5731S-S24P4X-A (02353AHY)	V200R020C10	-
S5731S-S	S5731S-S24P4X-A (02353AHY-001)	V200R020C10	-
S5731S-S	S5731S-S24P4X-A (02353AHY-003)	V200R021C10SPC600	-
S5731S-S	S5731S-S48P4X-A (02353AJJ)	V200R020C10	-
S5731S-S	S5731S-S48P4X-A (02353AJJ-001)	V200R020C10	-
S5731S-S	S5731S-S48P4X-A (02353AJJ-003)	V200R021C10SPC600	-
S5731-H	S5731-H24HB4XZ (02354QXD)	V200R021C10SPC500	-
S5731-H	S5731-H24HB4XZ (02354QXD-001)	V200R021C10SPC600	-
S5731-H	S5731-H24P4XC (02352QPV)	V200R020C10	-
S5731-H	S5731-H24P4XC (02352QPV-001)	V200R020C10	-
S5731-H	S5731-H24P4XC (02352QPV-003)	V200R021C10SPC600	-
S5731-H	S5731-H48HB4XZ (02354QXB)	V200R021C10SPC500	-
S5731-H	S5731-H48HB4XZ (02354QXB-001)	V200R021C10SPC600	-

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Product	Product Model	First Supported Version	Limitations
S5731-H	S5731-H48P4XC (02352SVD)	V200R020C10	-
S5731-H	S5731-H48P4XC (02352SVD-001)	V200R020C10	-
S5731-H	S5731-H48P4XC (02352SVD-003)	V200R021C10SPC600	-
S5731S-H	S5731S-H24HB4XZ-A (02354QXE)	V200R021C10SPC500	-
S5731S-H	S5731S-H24HB4XZ-A (02354QXE-001)	V200R021C10SPC600	-
S5731S-H	S5731S-H48HB4XZ-A (02354QXC)	V200R021C10SPC500	-
S5731S-H	S5731S-H48HB4XZ-A (02354QXC-001)	V200R021C10SPC600	-
S5732-H	S5732-H24UM2CC (02353HUC)	V200R020C10	-
S5732-H	S5732-H24UM2CC (02353HUC-003)	V200R021C10SPC500	-
S5732-H	S5732-H24UM2CC (02353SJY)	V200R020C10	-
S5732-H	S5732-H24UM2CC (02353SJY-001)	V200R020C10	-
S5732-H	S5732-H24UM2CC (02353SJY-004)	V200R020C10	-
S5732-H	S5732-H24UM2CC (02353SJY-010)	V200R021C10SPC500	-
S5732-H	S5732-H24UM2CC (02353SJY-011)	V200R021C10SPC500	-

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Product	Product Model	First Supported Version	Limitations
S5732-H	S5732-H24UM2CC (02353SJY-014)	V200R021C10SPC500	-
S5732-H	S5732-H24UM2CC (02353SJY-015)	V200R021C10SPC600	-
S5732-H	S5732-H24UM2CC (02353SJY-016)	V200R021C10SPC600	-
S5732-H	S5732-H24UM2CC (02353SJY-019)	V200R021C10SPC600	-
S5732-H	S5732-H24UM2CC (02353SJY-020)	V200R022C00	-
S5732-H	S5732-H24UM2CC (02353SJY-021)	V200R022C00	-
S5732-H	S5732-H24UM2CC (02353SJY-024)	V200R022C00	-
S5732-H	S5732-H48UM2CC (02353HUB)	V200R020C10	-
S5732-H	S5732-H48UM2CC (02353HUB-002)	V200R021C10SPC500	-
S5732-H	S5732-H48UM2CC (02353SJT)	V200R020C10	-
S5732-H	S5732-H48UM2CC (02353SJT-001)	V200R020C10	-
S5732-H	S5732-H48UM2CC (02353SJT-003)	V200R020C10	-
S5732-H	S5732-H48UM2CC (02353SJT-004)	V200R020C10	-

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Product	Product Model	First Supported Version	Limitations
S5732-H	S5732-H48UM2CC (02353SJT-010)	V200R021C10SPC500	-
S5732-H	S5732-H48UM2CC (02353SJT-011)	V200R021C10SPC500	-
S5732-H	S5732-H48UM2CC (02353SJT-013)	V200R021C10SPC500	-
S5732-H	S5732-H48UM2CC (02353SJT-014)	V200R021C10SPC500	-
S5732-H	S5732-H48UM2CC (02353SJT-015)	V200R021C10SPC600	-
S5732-H	S5732-H48UM2CC (02353SJT-016)	V200R021C10SPC600	-
S5732-H	S5732-H48UM2CC (02353SJT-018)	V200R021C10SPC600	-
S5732-H	S5732-H48UM2CC (02353SJT-019)	V200R021C10SPC600	-
S5732-H	S5732-H48UM2CC (02353SJT-020)	V200R022C00	-
S5732-H	S5732-H48UM2CC (02353SJT-021)	V200R022C00	-
S5732-H	S5732-H48UM2CC (02353SJT-023)	V200R022C00	-
S5732-H	S5732-H48UM2CC (02353SJT-024)	V200R022C00	-
S5732-H	S5732-H48XUM2CC (02353MLH)	V200R020C10	-

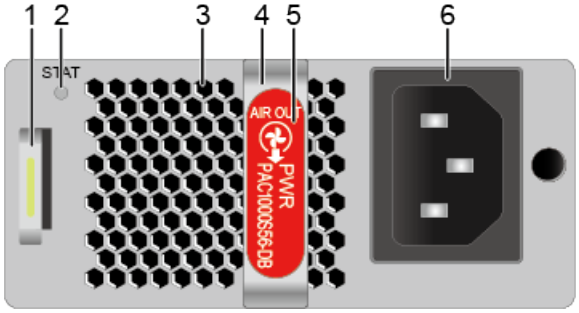
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Product	Product Model	First Supported Version	Limitations
S5732-H	S5732-H48XUM2CC (02353MLH-001)	V200R021C10SPC500	-
S5732-H	S5732-H48XUM2CC (02353MLH-002)	V200R023C10	-
S5735-L	S5735-L48P4X-A (98010944)	V200R020C10	-
S5735S-L	S5735S-L48P4S-A (98010946)	V200R020C10	-
S5735S-L	S5735S-L48P4X-A (98010945)	V200R020C10	-
S5735-S	S5735-S24P4X (98010940)	V200R020C10	-
S5735-S	S5735-S48P4X (98010943)	V200R020C10	-
S5735S-S	S5735S-S24P4X-A (98010969)	V200R020C10	-
S5735S-S	S5735S-S48P4X-A (98010970)	V200R020C10	-
S5735S-H	S5735S-H24U4XC-A (98011033)	V200R020C10	-
S5735S-H	S5735S-H48U4XC-A (98011037)	V200R020C10	-
S5736-S	S5736-S24U4XC (98011030)	V200R020C10	-
S5736-S	S5736-S24UM4XC (98011020)	V200R020C10	-
S5736-S	S5736-S24UM4XC (98011020-001)	V200R020C10	-
S5736-S	S5736-S24UM4XC (98011020-004)	V200R020C10	-
S5736-S	S5736-S48U4XC (98011034)	V200R020C10	-

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Panel

Figure 5-57 Panel of the PAC1000S56-DB



1. Lock	2. Indicator	3. Fan air vent	4. Handle
5. Airflow flag (air out)	6. Power socket	-	-

Table 5-113 Indicators on the PAC1000S56-DB

Silkscreen	Name	Color	Status	Description
STAT	Running status indicator	-	Steady off	The power input is abnormal (for example, no input, overvoltage, or undervoltage) or the power output is abnormal (for example, overvoltage or overtemperature).
		Green	Steady on	The power module output is normal.

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Functions and Features

Table 5-114 Functions of a 1000 W AC PoE power module

Function	Description
PoE power supply	Provides PoE power.
Input protection	Provides protection against input overvoltage, input undervoltage, and input overcurrent.
Output protection	Provides protection against output overvoltage, output overcurrent, and output short circuits.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Hot swapping	Supported

NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

Technical Specifications

Table 5-115 Technical specifications of the PAC1000S56-DB

Item	Specification
Dimensions without packaging (H x W x D) [mm(in.)]	40 mm x 90 mm x 215 mm (1.6 in. x 3.5 in. x 8.5 in.)
Weight without packaging [kg(lb)]	1.1 kg (2.43 lb)
Number of inputs	1
Rated input voltage [V]	100 V AC to 130 V AC, 50/60 Hz 200 V AC to 240 V AC, 50/60 Hz 240 V DC
Input voltage range [V]	90 V AC to 290 V AC, 45 Hz to 65 Hz 190 V DC to 290 V DC
Maximum input current [A]	100 V AC to 130 V AC: 12 A 200 V AC to 240 V AC: 8 A 240 V DC: 8 A

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Item	Specification
Rated output voltage [V]	56 V
Rated output current [A]	100 V AC to 130 V AC input: 16.08 A 200 V AC to 240 V AC input and 240 V DC input: 17.86 A
Rated output power [W]	100 V AC to 130 V AC input: •Total: 900 W 200 V AC to 240 V AC input and 240 V DC input: •Total: 1000 W
Power dissipation Mode	Heat dissipation with fan
Hot swapping	Supported

5.26 PAC1000S56-EB (1000 W PoE AC&240 V DC Power Module (66 mm Width Case, Back to Front, Power panel side exhaust))

Overview

Table 5-116 Basic information about the PAC1000S56-EB

Item	Details
Description	1000 W PoE AC&240 V DC Power Module (66 mm Width Case, Back to Front, Power panel side exhaust)
Part Number	02314APU
Model	PAC1000S56-EB

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Appearance

Figure 5-58 Appearance of the PAC1000S56-EB



NOTE

Figures in the document are for reference only, and the actual appearance of the devices may vary depending on the exact device model.

Version Mapping

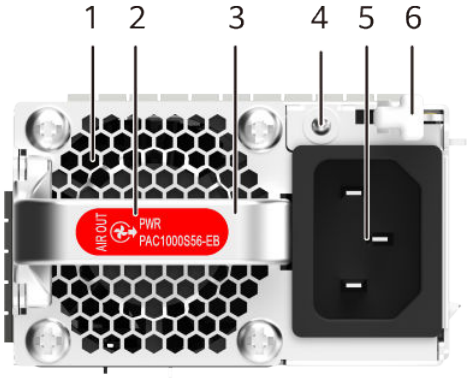
Table 5-117 Mappings between PAC1000S56-EB and product models

Product	Product Model	First Supported Version	Limitations
S5731-S	S5731-S24UN4X2Q (02354VCC)	V200R022C00	-
S5731-S	S5731-S8UM16UN2Q (02354VCD)	V200R022C00	-

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Panel

Figure 5-59 Panel of the PAC1000S56-EB



1. Air vent hole	2. Airflow flag (air out)	3. Handle	4. Running status indicator
5. Power socket	6. Lock	-	-

Table 5-118 Indicators on the PAC1000S56-EB

Silkscreen	Name	Color	Status	Description
-	Running status indicator	Green	Steady on	The power module output is normal.
		Green	Fast blinking (4 Hz)	Online loading

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Silkscreen	Name	Color	Status	Description
		-	Steady off	• The power module is powered on but not inserted into the system. • The power module input is normal but there is no output due to power overtemperature protection, output overcurrent, output overvoltage protection, short circuit protection, or component failure. • The input is abnormal or there is no output due to no input.

Functions and Features

Table 5-119 Functions and features of the PAC1000S56-EB

Functions and Features	Description
Input overvoltage protection	In this protection state, the power module is turned off and stops supplying power. When the fault is eliminated, the power module can automatically resume power supply.

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Functions and Features	Description
Input undervoltage protection	In this protection state, the power module is turned off and stops supplying power. When the fault is eliminated, the power module can automatically resume power supply.
Output overvoltage protection	In this protection state, the power module is in hiccup protection mode. When the fault is eliminated, the power module can automatically resume power supply.
Output overcurrent protection	In this protection state, the power module is in hiccup protection mode. If the power module enters this mode multiple times, the power output will be locked and the power module cannot automatically resume power supply.
Output short-circuit protection	In this protection state, the power module is in hiccup protection mode. If the power module enters this mode multiple times, the power output will be locked and the power module cannot automatically resume power supply.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.

Technical Specifications

Table 5-120 Technical specifications of the PAC1000S56-EB

Item	Specification
Dimensions without packaging (H x W x D) [mm(in.)]	40 mm x 66 mm x 215 mm (1.57 in. x 2.6 in. x 8.46 in.)
Weight without packaging [kg(lb)]	1.1 kg (2.43 lb)
Number of inputs	1

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Item	Specification
Rated input voltage [V]	100 V AC to 130 V AC, 50/60 Hz 200 V AC to 240 V AC, 50/60 Hz 240 V DC
Input voltage range [V]	90 V AC to 290 V AC; 45 Hz~66 Hz 190 V DC to 290 V DC
Maximum input current [A]	100 V AC to 130 V AC: 12 A 200 V AC to 240 V AC: 8 A 240 V DC: 8 A
Rated output voltage [V]	53.5 V or 55.5 V
Rated output current [A]	18.69 A @53.5 V, 18.02 A @55.5 V
Rated output power [W]	100 V AC to 130 V AC input: - Total power: 900 W 200 V AC to 240 V AC and 240 V DC input: - Total power: 1000 W
Power dissipation Mode	Heat dissipation with fan
Hot swapping	Supported

5.27 PDC1000S56-CB (1000 W PoE DC Power Module)

Overview

Table 5-121 Basic information about the PDC1000S56-CB

Item	Details
Description	1000 W PoE DC Power Module
Part Number	02313EXT
Model	PDC1000S56-CB

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Appearance

Figure 5-60 Appearance of the PDC1000S56-CB



Version Mapping

Table 5-122 Mappings between PDC1000S56-CB and product models

Product	Product Model	First Supported Version	Limitations
S5731-S	S5731-S24P4X (02353AHX)	V200R021C00	-
S5731-S	S5731-S24P4X (02353AHX-001)	V200R021C00	-
S5731-S	S5731-S24P4X (02353AHX-003)	V200R021C10SPC600	-
S5731-S	S5731-S48P4X (02353AJH)	V200R021C00	-
S5731-S	S5731-S48P4X (02353AJH-001)	V200R021C00	-
S5731-S	S5731-S48P4X (02353AJH-003)	V200R021C10SPC600	-
S5731S-S	S5731S-S24P4X-A (02353AHY)	V200R021C00	-
S5731S-S	S5731S-S24P4X-A (02353AHY-001)	V200R021C00	-

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Product	Product Model	First Supported Version	Limitations
S5731S-S	S5731S-S24P4X-A (02353AHY-003)	V200R021C10SPC600	-
S5731S-S	S5731S-S48P4X-A (02353AJJ)	V200R021C00	-
S5731S-S	S5731S-S48P4X-A (02353AJJ-001)	V200R021C00	-
S5731S-S	S5731S-S48P4X-A (02353AJJ-003)	V200R021C10SPC600	-
S5731-H	S5731-H24HB4XZ (02354QXD)	V200R021C10SPC500	-
S5731-H	S5731-H24HB4XZ (02354QXD-001)	V200R021C10SPC600	-
S5731-H	S5731-H24P4XC (02352QPV)	V200R021C00	-
S5731-H	S5731-H24P4XC (02352QPV-001)	V200R021C00	-
S5731-H	S5731-H24P4XC (02352QPV-003)	V200R021C10SPC600	-
S5731-H	S5731-H48HB4XZ (02354QXB)	V200R021C10SPC500	-
S5731-H	S5731-H48HB4XZ (02354QXB-001)	V200R021C10SPC600	-
S5731-H	S5731-H48P4XC (02352SVD)	V200R021C00	-
S5731-H	S5731-H48P4XC (02352SVD-001)	V200R021C00	-
S5731-H	S5731-H48P4XC (02352SVD-003)	V200R021C10SPC600	-
S5731S-H	S5731S-H24HB4XZ-A (02354QXE)	V200R021C10SPC500	-
S5731S-H	S5731S-H24HB4XZ-A (02354QXE-001)	V200R021C10SPC600	-
S5731S-H	S5731S-H48HB4XZ-A (02354QXC)	V200R021C10SPC500	-

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Product	Product Model	First Supported Version	Limitations
S5731S-H	S5731S-H48HB4XZ-A (02354QXC-001)	V200R021C10SPC600	-
S5732-H	S5732-H24UM2CC (02353HUC)	V200R021C00	-
S5732-H	S5732-H24UM2CC (02353HUC-003)	V200R021C10SPC500	-
S5732-H	S5732-H24UM2CC (02353SJY)	V200R021C00	-
S5732-H	S5732-H24UM2CC (02353SJY-001)	V200R021C00	-
S5732-H	S5732-H24UM2CC (02353SJY-004)	V200R021C00	-
S5732-H	S5732-H24UM2CC (02353SJY-010)	V200R021C10SPC500	-
S5732-H	S5732-H24UM2CC (02353SJY-011)	V200R021C10SPC500	-
S5732-H	S5732-H24UM2CC (02353SJY-014)	V200R021C10SPC500	-
S5732-H	S5732-H24UM2CC (02353SJY-015)	V200R021C10SPC600	-
S5732-H	S5732-H24UM2CC (02353SJY-016)	V200R021C10SPC600	-
S5732-H	S5732-H24UM2CC (02353SJY-019)	V200R021C10SPC600	-
S5732-H	S5732-H24UM2CC (02353SJY-020)	V200R022C00	-

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Product	Product Model	First Supported Version	Limitations
S5732-H	S5732-H24UM2CC (02353SJY-021)	V200R022C00	-
S5732-H	S5732-H24UM2CC (02353SJY-024)	V200R022C00	-
S5732-H	S5732-H48UM2CC (02353HUB)	V200R021C00	-
S5732-H	S5732-H48UM2CC (02353HUB-002)	V200R021C10SPC500	-
S5732-H	S5732-H48UM2CC (02353SJT)	V200R021C00	-
S5732-H	S5732-H48UM2CC (02353SJT-001)	V200R021C00	-
S5732-H	S5732-H48UM2CC (02353SJT-003)	V200R021C00	-
S5732-H	S5732-H48UM2CC (02353SJT-004)	V200R021C00	-
S5732-H	S5732-H48UM2CC (02353SJT-010)	V200R021C10SPC500	-
S5732-H	S5732-H48UM2CC (02353SJT-011)	V200R021C10SPC500	-
S5732-H	S5732-H48UM2CC (02353SJT-013)	V200R021C10SPC500	-
S5732-H	S5732-H48UM2CC (02353SJT-014)	V200R021C10SPC500	-
S5732-H	S5732-H48UM2CC (02353SJT-015)	V200R021C10SPC600	-

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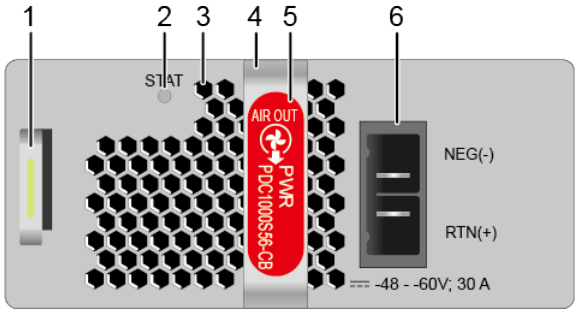
Product	Product Model	First Supported Version	Limitations
S5732-H	S5732-H48UM2CC (02353SJT-016)	V200R021C10SPC600	-
S5732-H	S5732-H48UM2CC (02353SJT-018)	V200R021C10SPC600	-
S5732-H	S5732-H48UM2CC (02353SJT-019)	V200R021C10SPC600	-
S5732-H	S5732-H48UM2CC (02353SJT-020)	V200R022C00	-
S5732-H	S5732-H48UM2CC (02353SJT-021)	V200R022C00	-
S5732-H	S5732-H48UM2CC (02353SJT-023)	V200R022C00	-
S5732-H	S5732-H48UM2CC (02353SJT-024)	V200R022C00	-
S5732-H	S5732-H48XUM2CC (02353MLH)	V200R021C00	-
S5732-H	S5732-H48XUM2CC (02353MLH-001)	V200R021C10SPC500	-
S5732-H	S5732-H48XUM2CC (02353MLH-002)	V200R023C10	-
S5735-L	S5735-L48P4X-A (98010944)	V200R021C00	-
S5735S-L	S5735S-L48P4S-A (98010946)	V200R021C00	-
S5735S-L	S5735S-L48P4X-A (98010945)	V200R021C00	-
S5735-S	S5735-S24P4X (98010940)	V200R021C00	-
S5735-S	S5735-S48P4X (98010943)	V200R021C00	-

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Product	Product Model	First Supported Version	Limitations
S5735S-S	S5735S-S24P4X-A (98010969)	V200R021C00	-
S5735S-S	S5735S-S48P4X-A (98010970)	V200R021C00	-
S5736-S	S5736-S24U4XC (98011030)	V200R021C00	-
S5736-S	S5736-S24UM4XC (98011020)	V200R021C00	-
S5736-S	S5736-S24UM4XC (98011020-001)	V200R021C00	-
S5736-S	S5736-S24UM4XC (98011020-004)	V200R021C00	-
S5736-S	S5736-S48U4XC (98011034)	V200R021C00	-

Panel

Figure 5-61 Panel of the PDC1000S56-CB



1. Lock	2. Indicator	3. Fan air vent	4. Handle
5. Airflow flag (air out)	6. DC power socket	-	-

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Table 5-123 Indicators on the PDC1000S56-CB

Silkscreen	Name	Color	Status	Description
STAT	Running status indicator	-	Steady off	The power input is abnormal (for example, no input, overvoltage, or undervoltage) or the power output is abnormal (for example, overcurrent, overvoltage, short circuit, or overtemperature).
		Green	Steady on	The power module is working normally.

Functions and Features

Table 5-124 Functions of a 1000 W DC PoE power module

Function	Description
PoE power supply	Provides PoE power.
Input protection	Provides protection against input undervoltage and input overcurrent.
Output protection	Provides protection against output overvoltage, output overcurrent, and output short circuits.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Hot swapping	Supported

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NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

Technical Specifications

Table 5-125 Technical specifications of the PDC1000S56-CB

Item	Specification
Dimensions without packaging (H x W x D) [mm(in.)]	40 mm x 90 mm x 215 mm (1.6 in. x 3.5 in. x 8.5 in.)
Weight without packaging [kg(lb)]	2.0 kg (4.41 lb)
Number of inputs	1
Rated input voltage [V]	–48 V DC to –60 V DC
Input voltage range [V]	–38.4 V DC to –72 V DC
Maximum input current [A]	30 A
Rated output voltage [V]	56 V
Rated output current [A]	17.86 A
Rated output power [W]	1000 W
Power dissipation Mode	Heat dissipation with fan
Hot swapping	Supported

5.28 PDC1000S12-DB (1000 W DC Power Module)

Overview

Table 5-126 Basic information about the PDC1000S12-DB

Item	Details
Description	1000 W DC Power Module
Part Number	02312QJK
Model	PDC1000S12-DB

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Appearance

Figure 5-62 Appearance of the PDC1000S12-DB



Version Mapping

Table 5-127 Mappings between PDC1000S12-DB and product models

Product	Product Model	First Supported Version	Limitations
S5731-S	S5731-S24T4X (02353AHU)	V200R019C00	-
S5731-S	S5731-S24T4X (02353AHU-001)	V200R020C10	-
S5731-S	S5731-S48T4X (02353AJB)	V200R019C00	-
S5731-S	S5731-S48T4X (02353AJB-003)	V200R020C10	-
S5731S-S	S5731S-S24T4X-A (02353AHV)	V200R019C00	-
S5731S-S	S5731S-S24T4X-A (02353AHV-001)	V200R020C10	-
S5731S-S	S5731S-S48T4X-A (02353AJC)	V200R019C00	-
S5731S-S	S5731S-S48T4X-A (02353AJC-003)	V200R020C10	-
S5731-H	S5731-H24T4XC (02352QPP)	V200R019C00	-
S5731-H	S5731-H24T4XC (02352QPP-001)	V200R020C10	-

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Product	Product Model	First Supported Version	Limitations
S5731-H	S5731-H24T4XC (02352QPP-005)	V200R021C10SPC600	-
S5731-H	S5731-H48T4XC (02352QPT)	V200R019C00	-
S5731-H	S5731-H48T4XC (02352QPT-003)	V200R020C10	-
S5731-H	S5731-H48T4XC (02352QPT-007)	V200R021C10SPC600	-
S5731S-H	S5731S-H24T4S-A (02353DJE)	V200R019C00	-
S5731S-H	S5731S-H24T4S-A (02353DJE-001)	V200R020C10	-
S5731S-H	S5731S-H24T4S-A (02353DJE-003)	V200R021C10SPC600	-
S5731S-H	S5731S-H24T4X-A (02353HVH)	V200R019C10	-
S5731S-H	S5731S-H24T4X-A (02353HVH-001)	V200R020C10	-
S5731S-H	S5731S-H24T4X-A (02353HVH-003)	V200R021C10SPC600	-
S5731S-H	S5731S-H24T4XC-A (02352YRG)	V200R019C00	-
S5731S-H	S5731S-H24T4XC-A (02352YRG-001)	V200R020C10	-
S5731S-H	S5731S-H24T4XC-A (02352YRG-003)	V200R021C10SPC600	-
S5731S-H	S5731S-H48T4S-A (02353DJG)	V200R019C00	-
S5731S-H	S5731S-H48T4S-A (02353DJG-003)	V200R020C10	-
S5731S-H	S5731S-H48T4S-A (02353DJG-005)	V200R021C10SPC600	-
S5731S-H	S5731S-H48T4X-A (02353HVJ)	V200R019C10	-
S5731S-H	S5731S-H48T4X-A (02353HVJ-003)	V200R020C10	-

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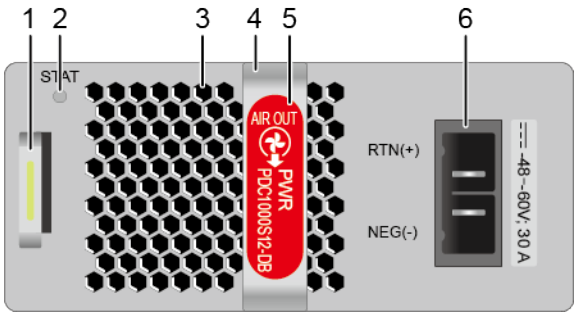
Product	Product Model	First Supported Version	Limitations
S5731S-H	S5731S-H48T4X-A (02353HVJ-005)	V200R021C10SPC600	-
S5731S-H	S5731S-H48T4XC-A (02352YRF)	V200R019C00	-
S5731S-H	S5731S-H48T4XC-A (02352YRF-003)	V200R020C10	-
S5731S-H	S5731S-H48T4XC-A (02352YRF-005)	V200R021C10SPC600	-
S5732-H	S5732-H24S6Q (02353AJS)	V200R019C00	-
S5732-H	S5732-H24S6Q (02353AJS-001)	V200R020C10	-
S5732-H	S5732-H24S6Q (02353AJS-003)	V200R021C10SPC500	-
S5732-H	S5732-H24S6Q (02353AJS-004)	V200R021C10SPC600	-
S5732-H	S5732-H24S6Q (02353AJS-005)	V200R021C10SPC600	-
S5732-H	S5732-H48S6Q (02353AJU)	V200R019C00	-
S5732-H	S5732-H48S6Q (02353AJU-001)	V200R020C10	-
S5732-H	S5732-H48S6Q (02353AJU-003)	V200R021C10SPC500	-
S5732-H	S5732-H48S6Q (02353AJU-004)	V200R021C10SPC600	-
S5735-S	S5735-S24T4X (98010938)	V200R019C00	-
S5735-S	S5735-S32ST4X (98010931)	V200R019C00	-
S5735-S	S5735-S48S4X (98010947)	V200R019C00	-
S5735-S	S5735-S48T4X (98010941)	V200R019C00	-
S5735S-S	S5735S-S24T4S-A (98010939)	V200R019C00	-

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Product	Product Model	First Supported Version	Limitations
S5735S-S	S5735S-S24T4X-A (98010967)	V200R019C10SPC500	-
S5735S-S	S5735S-S32ST4X-A (98010932)	V200R019C00	-
S5735S-S	S5735S-S48T4S-A (98010942)	V200R019C00	-
S5735S-S	S5735S-S48T4X-A (98010968)	V200R019C10SPC500	-
S5735S-H	S5735S-H24S4XC-A (98011041)	V200R021C01	-
S5736-S	S5736-S24S4XC (98011038)	V200R021C01	-
S5736-S	S5736-S48S4XC (98011042)	V200R021C01	-

Panel

Figure 5-63 Panel of the PDC1000S12-DB



1. Lock	2. Indicator	3. Fan air vent	4. Handle
5. Airflow flag (air out)	6. DC power socket	-	-

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Table 5-128 Indicators on the PDC1000S12-DB

Silkscreen	Name	Color	Status	Description
STAT	Running status indicator	-	Steady off	The power input is abnormal (for example, no input, overvoltage, or undervoltage) or the power output is abnormal (for example, overvoltage or overtemperature).
		Green	Steady on	The power module output is normal.

Functions and Features

Table 5-129 Functions of a 1000 W DC power module

Function	Description
Input protection	Provides protection against input overvoltage, input undervoltage, and input overcurrent.
Output protection	Provides protection against output overvoltage, output overcurrent, and output short circuits.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Hot swapping	Supported

NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

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Technical Specifications

Table 5-130 Technical specifications of the PDC1000S12-DB

Item	Specification
Dimensions without packaging (H x W x D) [mm(in.)]	40 mm x 90 mm x 215 mm (1.6 in. x 3.5 in. x 8.5 in.)
Weight without packaging [kg(lb)]	1.02 kg (2.25 lb)
Number of inputs	1
Rated input voltage [V]	-48 V DC to -60 V DC
Input voltage range [V]	-38.4 V DC to -72 V DC
Maximum input current [A]	30 A
Rated output voltage [V]	12 V
Rated output current [A]	83.3 A
Rated output power [W]	1000 W
Power dissipation Mode	Heat dissipation with fan
Hot swapping	Supported

5.29 PDC1000S56-EB (1000 W PoE DC Power Module (66 mm Width case, Back to Front, Power panel side exhaust))

Overview

Table 5-131 Basic information about the PDC1000S56-EB

Item	Details
Description	1000 W PoE DC Power Module (66 mm Width case, Back to Front, Power panel side exhaust)
Part Number	02313XRB
Model	PDC1000S56-EB

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Appearance

Figure 5-64 Appearance of the PDC1000S56-EB



NOTE

Figures in the document are for reference only, and the actual appearance of the devices may vary depending on the exact device model.

Version Mapping

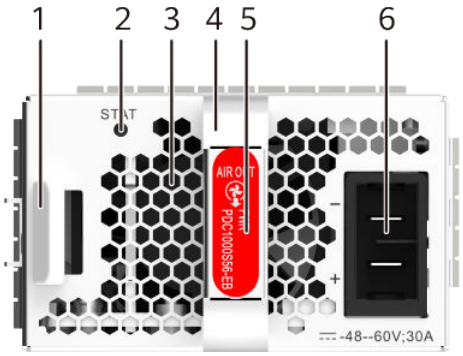
Table 5-132 Mappings between PDC1000S56-EB and product models

Product	Product Model	First Supported Version	Limitations
S5731-S	S5731-S24UN4X2Q (02354VCC)	V200R022C00	-
S5731-S	S5731-S8UM16UN2Q (02354VCD)	V200R022C00	-

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Panel

Figure 5-65 Panel of the PDC1000S56-EB



1. Lock	2. Running status indicator	3. Air vent hole	4. Handle
5. Airflow flag (air out)	6. Power socket	-	-

Table 5-133 Indicators on the PDC1000S56-EB

Silkscreen	Name	Color	Status	Description
STAT	Running status indicator	Green	Steady on	The power module output is normal.
		Green	Fast blinking (4 Hz)	Online loading

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Silkscreen	Name	Color	Status	Description
		-	Steady off	• The power module is powered on but not inserted into the system. • The power module input is normal but there is no output due to power overtemperature protection, output overcurrent, output overvoltage protection, short circuit protection, or component failure. • The input is abnormal or there is no output due to no input.

Functions and Features

Table 5-134 Functions and features of the PDC1000S56-EB

Functions and Features	Description
Input undervoltage protection	In this protection state, the power module is turned off and stops supplying power. When the fault is eliminated, the power module can automatically resume power supply.

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Functions and Features	Description
Output overvoltage protection	In this protection state, the power output is locked and the power module cannot automatically resume power supply.
Output overcurrent protection	In this protection state, the power module is in hiccup protection mode. If the power module enters this mode multiple times, the power output will be locked and the power module cannot automatically resume power supply.
Output short-circuit protection	In this protection state, the power module is in hiccup protection mode. If the power module enters this mode multiple times, the power output will be locked and the power module cannot automatically resume power supply.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.

Technical Specifications

Table 5-135 Technical specifications of the PDC1000S56-EB

Item	Specification
Dimensions without packaging (H x W x D) [mm(in.)]	40 mm x 66 mm x 215 mm (1.57 in. x 2.6 in. x 8.46 in.)
Weight without packaging [kg(lb)]	1 kg (2.20 lb)
Number of inputs	1
Rated input voltage [V]	–48 V DC to –60 V DC
Input voltage range [V]	–38.4 V DC to –72 V DC
Maximum input current [A]	30 A
Rated output voltage [V]	53.5 V or 55.5 V
Rated output current [A]	18.69 A @ 53.5 V, 18.02 A @55.5 V

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Item	Specification
Rated output power [W]	1000 W
Power dissipation Mode	Heat dissipation with fan
Hot swapping	Supported

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