6 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.

6.1 60 W AC Power Module (PAC-60WA-L)

Product Support

Table 6-1 lists the switch models supporting a 60 W AC power module.

Table 6-1 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 6-1 Appearance of a 60 W AC power module

Function

Table 6-2 describes the functions of a 60 W AC power module.

Table 6-2 Functions of a 60 W AC power module

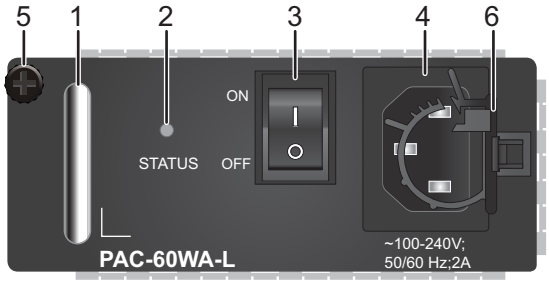
Function	Description
Input protection	Provides protection against input undervoltage condition.
Output protection	Provides protection against output undervoltage, output overvoltage, output overcurrent, and output short circuit conditions.
Overtemperature protection	When the temperature of the power 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

NOTE

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

Panel

Figure 6-2 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 6-3 describes the indicator on the 60 W AC power module panel.

Table 6-3 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 6-4 lists technical specifications of a 60 W AC power module.

Table 6-4 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.)
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

6.2 60 W AC Power Module (PAC60S12-AR)

Product Support

Table 6-5 lists the switch models supporting a 60 W AC power module.

Table 6-5 Product support for a 60 W AC power module

Power Module Name	Product Support
PAC60S12-AR	S5735-S24T4X, S5735-S48T4X, S5735-S32ST4X, S5735S-S24T4S-A, S5735S-S32ST4X-A, S5735S-S48T4S-A, S5735-S24T4X-I, S5735S-S24T4X-A, and S5735S-S48T4X-A

Appearance

Figure 6-3 Appearance of a 60 W AC power module (PAC60S12-AR)

Function

Table 6-6 describes the functions of a 60 W AC power module.

Table 6-6 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.

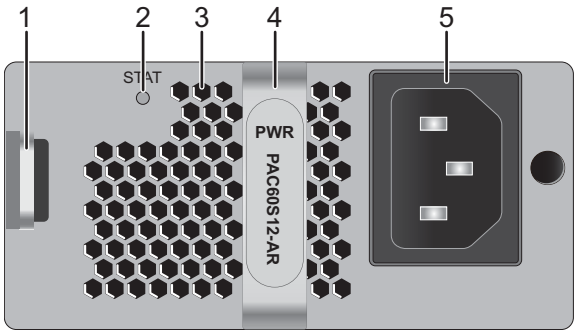
Function		Description
Output protection	Output overvoltage protection	In this protection state, the power module stops supplying power intermittently. When the output voltage restores to the normal range, the power module automatically resumes power supply.
	Output overcurrent protection	In this protection 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.

Panel

Figure 6-4 Panel of a 60 W AC power module (PAC60S12-AR)



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

Table 6-7 describes the indicator on a 60 W AC power module panel.

Table 6-7 Description of the indicator on a 60 W AC power module panel

Indicator	Color	Description
STAT: 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, undervoltage or overtemperature). • Steady on: The power module is working normally. • Blinking: The output power is out of range, for example, overvoltage, overcurrent, or short circuit occurs.

Specifications

Table 6-8 lists specifications of a 60 W AC power module.

Table 6-8 Specifications of a 60 W AC power module

Item	Description
Dimensions (H x W x D)	40 mm x 90 mm x 215 mm (1.6 in. x 3.5 in. x 8.5 in.)
Weight	0.68 kg (1.5 lb)
Rated input voltage range	100 V AC to 240 V AC, 50/60 Hz 240 V DC
Maximum input voltage range	90 V AC to 264 V AC, 47 Hz to 63 Hz 190 V DC to 290 V DC
Maximum input current	100 V AC to 240 V AC: 2 A 240 V DC: 2 A
Maximum output current	5 A
Rated output voltage	12 V
Rated output power	60 W
Part number	02312SLE

6.3 150 W AC Power Module

Product Support

Table 6-9 lists the switch models supporting a 150 W AC power module.

Table 6-9 Product support for a 150 W AC power module

Power Module Name	Product Support
LS5M100PWA00 (purplish grey)	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

Appearance

Figure 6-5 Appearance of a 150 W AC power module (LS5M100PWA00)

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

Function

Table 6-10 describes the functions of a 150 W AC power module.

Table 6-10 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.
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 6-7 Panel of a 150 W AC power module (LS5M100PWA00)

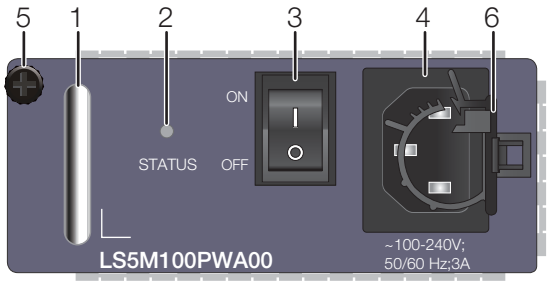
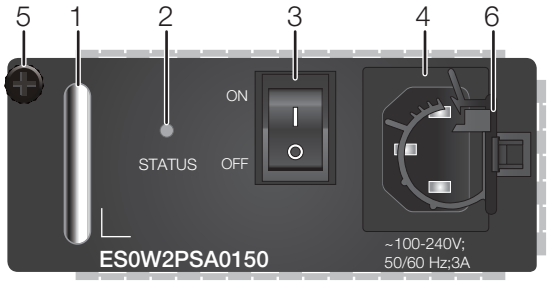


Figure 6-8 Panel of a 150 W AC power module (ES0W2PSA0150)



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

Table 6-11 describes the indicator on the 150 W AC power module panel.

Table 6-11 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 6-12 describes technical specifications of a 150 W AC power module.

Table 6-12 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

6.4 150 W AC Power Module (PAC150S12-R)

Product Support

Table 6-13 lists the switch models supporting a 150 W AC power module.

Table 6-13 Product support for a 150 W AC power module

Power Module Name	Product Support
PAC150S12-R	S5731-H24T4XC, S5731-H48T4XC, S5731-S24T4X, S5731-S48T4X, S5731S-S24T4X-A, S5731S-S48T4X-A, S5731S-H24T4XC-A, S5731S-H48T4XC-A, S5731S-H24T4S-A, S5731S-H48T4S-A, S5731S-H24T4X-A, S5731S-H48T4X-A, and S5735-S48S4X

Appearance

Figure 6-9 Appearance of a 150 W AC power module (PAC150S12-R)

Function

Table 6-14 describes the functions of a 150 W AC power module.

Table 6-14 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.

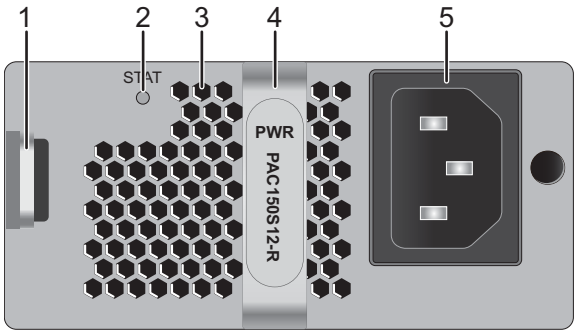
Function	Description
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Hot swapping	Supported

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 6-10 Panel of a 150 W AC power module (PAC150S12-R)



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

Table 6-15 describes the indicator on a 150 W AC power module panel.

Table 6-15 Description of the indicator on a 150 W AC power module panel

Indicator	Color	Description
STAT: 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, undervoltage or overtemperature). • Steady on: The power module is working normally. • Blinking: The output power is out of range, for example, overvoltage, overcurrent, or short circuit occurs.

Specifications

Table 6-16 lists specifications of a 150 W AC power module.

Table 6-16 Specifications of a 150 W AC power module

Item	Description
Dimensions (H x W x D)	40 mm x 90 mm x 215 mm (1.6 in. x 3.5 in. x 8.5 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
Rated output power	150 W
Part number	02312DUY

6.5 150 W DC Power Module

Product Support

Table 6-17 lists switch models supporting a 150 W DC power module.

Table 6-17 Product support for a 150 W DC power module

Power Module Name	Product Support
LS5M100PWD00 (purplish grey)	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 6-11 Appearance of a 150 W DC power module (LS5M100PWD00)

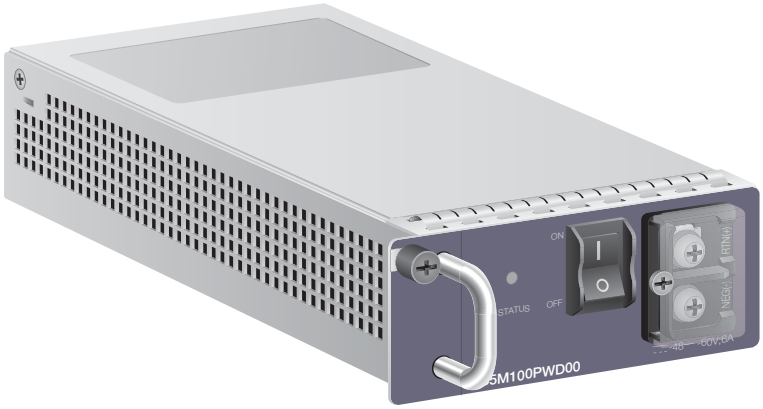
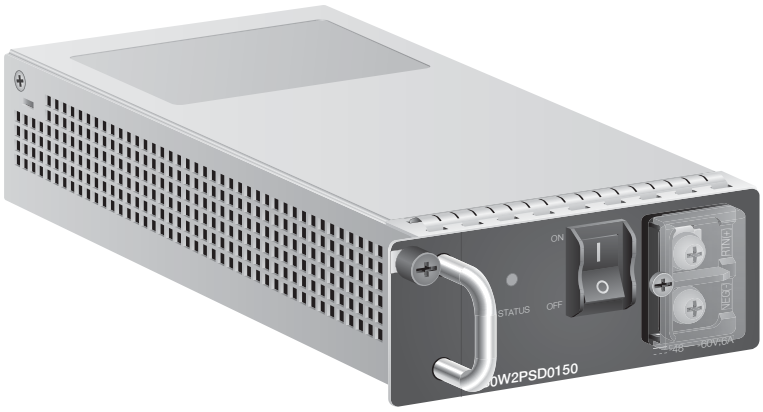


Figure 6-12 Appearance of a 150 W DC power module (ES0W2PSD0150)



Function

Table 6-18 describes the functions of a 150 W DC power module.

Table 6-18 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 6-13 Panel of a 150 W DC power module (LS5M100PWD00)

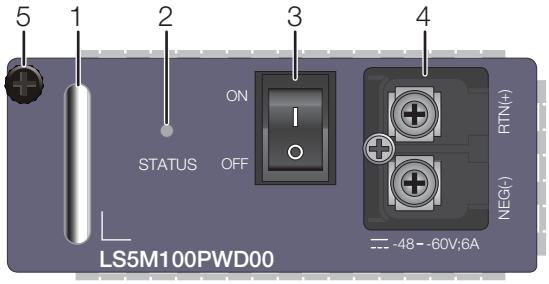
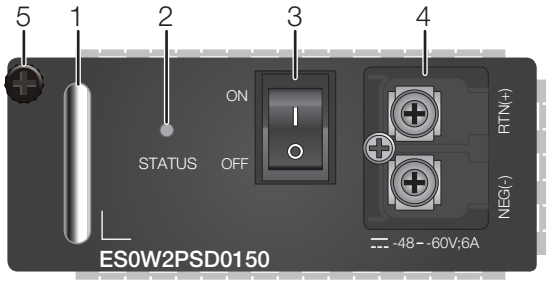


Figure 6-14 Panel of a 150 W DC power module (ES0W2PSD0150)



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

Table 6-19 describes indicators on a 150 W DC power module panel.

Table 6-19 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 6-20 describes technical specifications of a 150 W DC power module.

Table 6-20 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)
Rated input voltage range	-48 V DC to -60 V DC

Item	Description
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

6.6 170 W AC Power Module

Product Support

Table 6-21 lists the switch models supporting a 170 W AC power module.

Table 6-21 Product support for a 170 W AC power module

Power Module Name	Product Support
W0PSA1701	S5700-28C-HI, S5700-28C-HI-24S

Appearance

Figure 6-15 Appearance of the 170 W AC power module

Function

Table 6-22 describes the functions of a 170 W AC power module.

Table 6-22 Functions of a 170 W AC power module

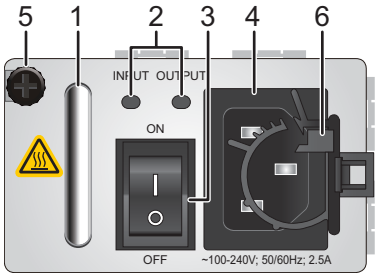
Function	Description
Input protection	Input overcurrent and undervoltage protection is provided.
Output protection	Output overvoltage and short-circuit protection is provided.
Alarm function	Various alarms such as the alarm triggered when there is no power input and the alarm triggered when there is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

Panel Description

Figure 6-16 Panel of a 170 W AC power module



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

Table 6-23 describes indicators on a 170 W AC power module panel.

Table 6-23 Description of indicators on a 170 W AC power module panel

Indicator	Color	Description
INPUT	Green	• Off: The AC input power is out of range. • Steady on: The AC power input is in the normal range.
OUTPUT	Green	• Off: The AC output power is out of range. • Steady on: The AC output power is in the normal range. • Blinking: The output power is out of range, for example, overvoltage, overcurrent, or short circuit occurs.

Specifications

Table 6-24 describes technical specifications of a 170 W AC power module.

Table 6-24 Technical specifications of a 170 W AC power module

Item	Description
Dimensions (H x W x D)	40 mm x 70 mm x 205 mm (1.6 in. x 2.8 in. x 8.1 in.)
Weight	< 1.0 kg (2.20 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	2.5 A
Maximum output current	14.2 A
Rated output voltage	12 V

Item	Description
Maximum output power	170 W
Part number	02130966

6.7 170 W DC Power Module

Product Support

Table 6-25 lists the switch models supporting a 170 W DC power module.

Table 6-25 Product support for a 170 W DC power module

Power Module Name	Product Support
ES5M0PSD1700	S5700-28C-HI, S5700-28C-HI-24S

Appearance

Figure 6-17 Appearance of the 170 W DC power module

Function

Table 6-26 describes the functions of a 170 W DC power module.

Table 6-26 Functions of a 170 W DC power module

Function	Description
Input protection	Input overcurrent and undervoltage protection is provided.

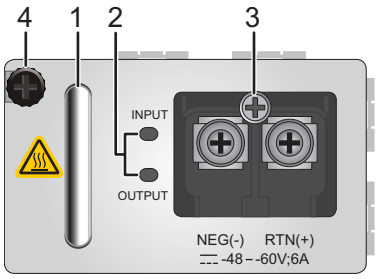
Function	Description
Output protection	Output overvoltage and short-circuit protection is provided.
Alarm function	Various alarms such as the alarm triggered when there is no power input and the alarm triggered when there is no power output are supported.
Reversed connection protection	-
Overtemperature protection	When the temperature of the power module exceeds a specified threshold (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.

Panel Description

Figure 6-18 Panel of a 170 W DC power module



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

Table 6-27 describes indicators on a 170 W DC power module panel.

Table 6-27 Description of indicators on a 170 W DC power module panel

Indicator	Color	Description
INPUT	Green	• Off: The DC input power is out of range. • Steady on: The DC power input is in the normal range.
OUTPUT	Green	• Off: The DC output power is out of range. • Steady on: The DC output power is in the normal range. • Blinking: The output power is out of range, for example, overvoltage, overcurrent, or short circuit occurs.

Specifications

Table 6-28 describes technical specifications of a 170 W DC power module.

Table 6-28 Technical specifications of a 170 W DC power module

Item	Description
Dimensions (H x W x D)	40 mm x 70 mm x 205 mm (1.6 in. x 2.8 in. x 8.1 in.)
Weight	< 1.0 kg (2.20 lb)
Rated input voltage range	-48 V DC to -60 V DC
Maximum input voltage range	-36 V DC to -72 V DC
Input current	6 A
Maximum output current	14.2 A
Rated output voltage	12 V
Maximum output power	170 W
Part number	02310GBM

6.8 240 W AC Power Module

Product Support

Table 6-29 lists the switch models supporting a 240 W AC power module.

Table 6-29 Product support for a 240 W AC power module

Power Module Name	Product Support
PAC240S56-CN	S5720I-12X-PWH-SI-DC

Appearance

Figure 6-19 Appearance of a 240 W AC power module

Function

Table 6-30 describes the functions of a 240 W AC power module.

Table 6-30 Functions of a 240 W AC power module

Function	Description
System power supply and PoE power supply	The power module supports a maximum of 20 W system power and 220 W PoE power.
Input protection	The power module provides protection against input overvoltage, input undervoltage, and input overcurrent.
Output protection	The power module provides protection against output overvoltage, overcurrent, and short-circuit.

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.

Panel

Figure 6-20 Panel of a 240 W AC power module

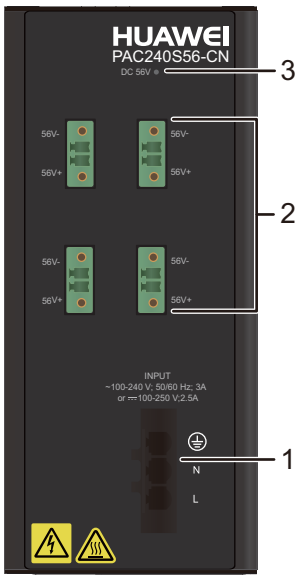


Table 6-31 Description of the panel of a 240 W AC power module

No.	Name	Description
1	3-pin AC/DC input power socket	Connects the power module to an external power supply system using a power cable with a 3-pin plug. **NOTE** The customer needs to prepare the power cable. The recommended conductor diameter of the power cable is 1.0 mm^2.
2	Four 2-pin DC output power sockets	Connects the power module to a switch using a power cable with a 2-pin plug. **NOTE** The customer needs to prepare the power cable. The recommended conductor diameter of the power cable is 1.0 mm^2.

No.	Name	Description
3	Output indicator (DC 56 V)	• Steady on: The power output is normal. • Blinking green: The power module is in the output overvoltage or overcurrent protection state. • Off: The power output is abnormal or the power module is faulty.

Specifications

Table 6-32 lists the specifications of a 240 W AC power module.

Table 6-32 Specifications of a 240 W AC power module

Item	Description
Dimensions (H x W x D)	150 mm x 60 mm x 133 mm (6.14 in. x 2.36 in. x 5.24 in.)
Weight	1.47 kg
Input voltage range	AC: 100 V AC to 240 V AC, 50/60 Hz DC: 100 V DC to 250 V DC
Input current	AC: 3 A DC: • 100 V DC to 138 V DC: 2.5 A • 138 V DC to 250 V DC: 2 A
Output voltage range	54 V DC to 57 V DC
Rated output voltage	56 V DC
Maximum output power	• PoE power: 220 W • Total power: 240 W
Part number	02131265

6.9 260 W AC Power Module

Product Support

Table 6-33 lists the switch models supporting a 260 W AC power module.

Table 6-33 Product support for a 260 W AC power module

Power Module Name	Product Support
PAC-260WA-E	S5720I-12X-PWH-SI-DC

Appearance

Figure 6-21 Appearance of a 260 W AC power module

Function

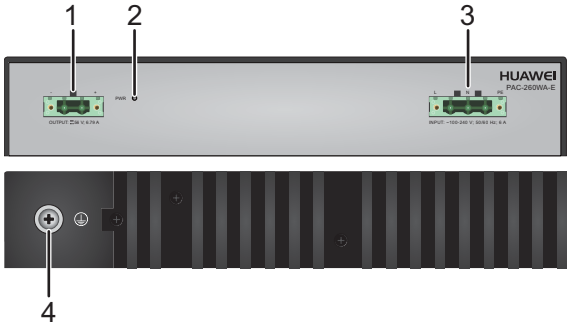
Table 6-34 describes the functions of a 260 W AC power module.

Table 6-34 Functions of a 260 W AC power module

Function	Description
System power supply and PoE power supply	The power module supports a maximum of 20 W system power and 240 W PoE power.
Input protection	The power module provides protection against input overvoltage, input undervoltage, and input overcurrent.
Output protection	The power module provides protection against output overvoltage, output overcurrent, and output short-circuit.
Overtemperature protection	When the temperature of the power module is high, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.

Panel

Figure 6-22 Panel of a 260 W AC power module



1. DC output power socket **NOTE** It must be used with the Phoenix connector, which is included in the installation accessory package.	2. PWR power supply indicator	3. AC input power socket **NOTE** It must be used with the Phoenix connector, which is included in the installation accessory package.	4. Ground screw **NOTE** It is used with a **ground cable**.

Table 6-35 describes the indicator on the 260 W AC power module panel.

Table 6-35 Description of the indicator on the 260 W AC power module panel

Indicator	Color	Description
PWR	-	Off: The power module has no output power or the output power is out of range.
	Green	Steady on: The output power of the power module is in the normal range.

Technical Specifications

Table 6-36 lists technical specifications of a 260 W AC power module.

Table 6-36 Technical specifications of a 260 W AC power module

Item	Description
Dimensions (H x W x D)	43.6 mm x 250.0 mm x 180.0 mm (1.72 in. x 9.84 in. x 7.09 in.)
Weight	2.5 kg (5.51 lb)

Item	Description
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	6 A
Maximum output current	6.79 A
Maximum output power	• PoE power: 240 W • Total power: 260 W
Part number	98010808

6.10 350 W AC Power Module

Version Mapping

Table 6-37 lists the switch models supporting a 350 W AC power module.

Table 6-37 Product support for a 350 W AC power module

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

Appearance

Figure 6-23 Appearance of a 350 W AC power module

Function

Table 6-38 describes the functions of a 350 W AC power module.

Table 6-38 Functions of a 350 W AC power module

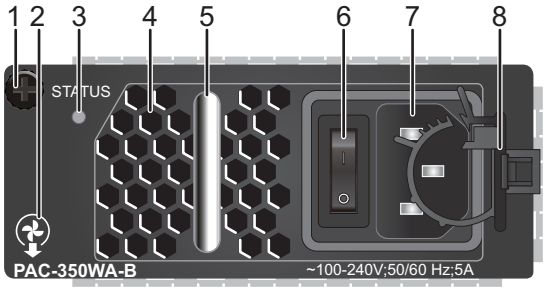
Function		Description
Input protection	Input undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.
	Input overcurrent protection	In this protection state, the 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.
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 6-24 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 6-39 describes the indicator on the 350 W AC power module panel.

Table 6-39 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.

Specifications

Table 6-40 lists specifications of a 350 W AC power module.

Table 6-40 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

Item	Description
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

6.11 350 W DC power module

Product Support

Table 6-41 lists the switch models supporting a 350 W DC power module.

Table 6-41 Product for a 350 W DC power module

Power Module Name	Product Support
PDC-350WA-B	S5720-56C-HI-AC, S5720-32C-HI-24S-AC, S5730-60C-HI-48S, S5730-68C-HI-48S

Appearance

Figure 6-25 Appearance of a 350 W DC power module

Function

Table 6-42 describes the functions of a 350 W DC power module.

Table 6-42 Functions of a 350 W DC power module

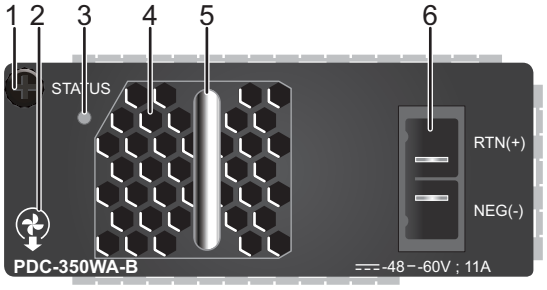
Function		Description
Input protection	Input undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.
	Input overcurrent protection	In this protection state, the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

Panel

Figure 6-26 Panel of a 350 W DC power module



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

Table 6-43 describes the indicator on the 350 W DC power module panel.

Table 6-43 Description of the indicator on the 350 W DC 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 6-44 describes technical specifications of a 350 W DC power module.

Table 6-44 Specifications of a 350 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	0.72 kg (1.59 lb)
Rated input voltage range	-48 V DC to -60 V DC

Item	Description
Maximum input voltage	-38.4 V DC to -72 V DC
Maximum input current	11 A
Maximum output current	29.17 A
Rated output voltage	12 V
Rated output power	350 W
Part number	02310PQN

6.12 600 W AC Power Module (PAC-600WA-B)

Product Support

Table 6-45 lists the switch models supporting a 600 W AC power module.

Table 6-45 Product support for a 600 W AC power module

Power Module Name	Product Support
PAC-600WA-B	S5720-56C-HI-AC, S5720-32C-HI-24S-AC, S5730-60C-HI-48S, S5730-68C-HI-48S

Appearance

Figure 6-27 Appearance of a 600 W AC power module

Function

Table 6-46 describes the functions of a 600 W AC power module.

Table 6-46 Functions of a 600 W AC power module

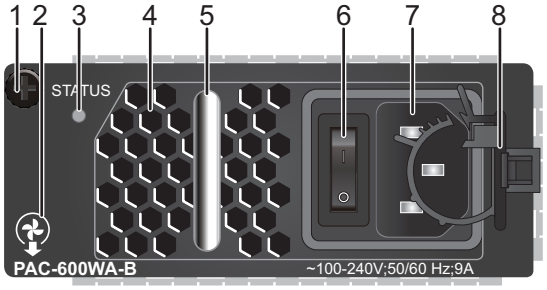
Function		Description
Input protection	Input undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.
	Input overcurrent protection	In this protection state, the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

Panel

Figure 6-28 Panel of a 600 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 6-47 describes the indicator on the 600 W AC power module panel.

Table 6-47 Description of the indicator on the 600 W AC 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 6-48 lists specifications of a 600 W AC power module.

Table 6-48 Specifications of a 600 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	1 kg (2.20 lb)

Item	Description
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	9 A
Maximum output current	50 A
Rated output voltage	12 V
Rated output power	600 W
Part number	02310PMH

6.13 600 W AC Power Module (PAC600S12-CB)

Product Support

Table 6-49 lists the switch models supporting a 600 W AC power module.

Table 6-49 Product support for a 600 W AC power module

Power Module Name	Product Support
PAC600S12-CB	S5731-H24T4XC, S5731-H48T4XC, S5731-S24T4X, S5731-S48T4X, S5731S-S24T4X-A, S5731S-S48T4X-A, S5731S-H24T4XC-A, S5731S-H48T4XC-A, S5732-H24S6Q, S5732-H48S6Q, S5731S-H24T4S-A, S5731S-H48T4S-A, S5731S-H24T4X-A, and S5731S-H48T4X-A

Appearance

Figure 6-29 Appearance of a 600 W AC power module (PAC600S12-CB)

Function

Table 6-50 describes the functions of a 600 W AC power module.

Table 6-50 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.

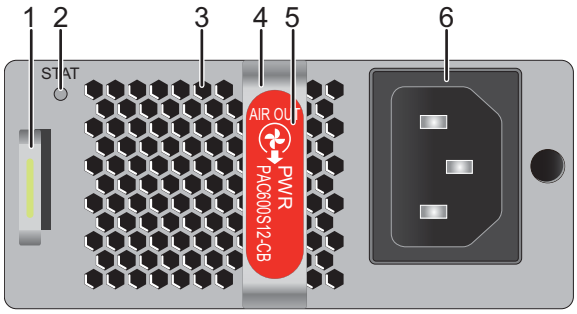
Function	Description
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Hot swapping	Supported

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 6-30 Panel of a 600 W AC power module (PAC600S12-CB)



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

Table 6-51 describes the indicator on a 600 W AC power module panel.

Table 6-51 Description of the indicator on a 600 W AC power module panel

Indicator	Color	Description
STAT: 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 or undervoltage). • Steady on: The power module is working normally. • Blinking: The output power is out of range, for example, overcurrent or short circuit occurs.

Specifications

Table 6-52 lists specifications of a 600 W AC power module.

Table 6-52 Specifications of a 600 W AC power module

Item	Description
Dimensions (H x W x D)	40 mm x 90 mm x 215 mm (1.6 in. x 3.5 in. x 8.5 in.)
Weight	0.95 kg (2.09 lb)
Rated input voltage range	100 V AC to 240 V AC, 50/60 Hz 240 V DC
Maximum input voltage range	90 V AC to 290 V AC, 45 Hz to 65 Hz 190 V DC to 290 V DC
Maximum input current	100 V AC to 240 V AC: 8 A 240 V DC: 4 A
Maximum output current	50 A
Rated output voltage	12 V
Rated output power	600 W
Part number	02312FFU

6.14 250 W AC PoE Power Module

Product Support

Table 6-53 lists the switch models supporting a 250 W AC PoE power module.

Table 6-53 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

Appearance

Figure 6-31 Appearance of the 250 W AC PoE power module

Function

Table 6-54 describes the functions of a 250 W AC PoE power module.

Table 6-54 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.

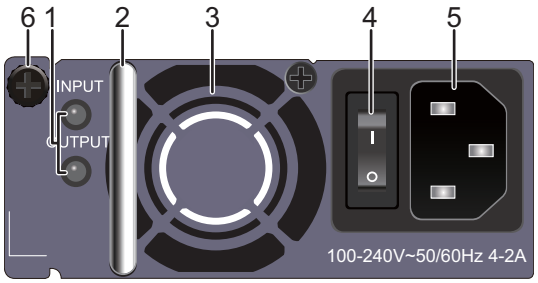
Function	Description
Output protection	Output undervoltage, overvoltage, overcurrent, and short-circuit protection is provided.
Overtemperature protection	-
Surge protection	-
Hot swapping	Supported

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.

Panel Description

Figure 6-32 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 6-55 describes indicators on a 250 W AC PoE power module panel.

Table 6-55 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.

Indicator	Color	Description
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 6-56 describes technical specifications of a 250 W AC PoE power module.

Table 6-56 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

6.15 500 W AC PoE Power Module

Product Support

Table 6-57 lists the switch models supporting a 500 W AC PoE power modules.

Table 6-57 Product support for a 500 W AC PoE power module

Power Module Name	Product Support
W0PSA5000 (purplish grey)	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

Appearance

Figure 6-33 Appearance of a 500 W AC PoE power module (W0PSA5000)

Figure 6-34 Appearance of a 500 W AC PoE power module (PAC-500WA-BE)

Function

Table 6-58 describes the functions of a 500 W AC PoE power module.

Table 6-58 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.
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 6-35 Panel of a 500 W AC PoE power module (W0PSA5000)

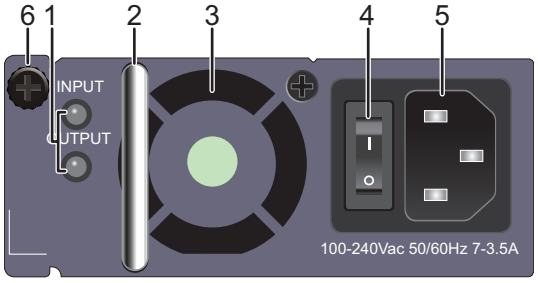
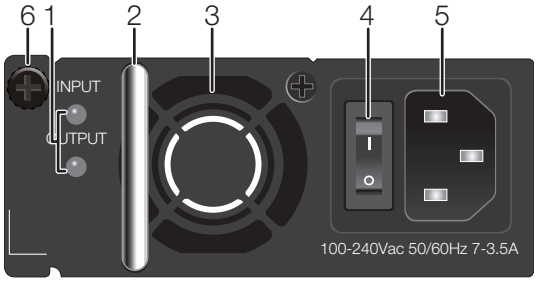


Figure 6-36 Panel of a 500 W AC PoE power module (PAC-500WA-BE)



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

Table 6-59 describes indicators on a 500 W AC PoE power module panel.

Table 6-59 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 6-60 describes technical specifications of a 500 W AC PoE power module.

Table 6-60 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

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

6.16 580 W AC PoE Power Module

Product Support

Table 6-61 lists the switch models supporting a 580 W AC PoE power module.

Table 6-61 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 6-37 Appearance of the 580 W AC PoE power module

Function

Table 6-62 describes the functions of a 580 W AC PoE power module.

Table 6-62 Functions of a 580 W AC PoE power module

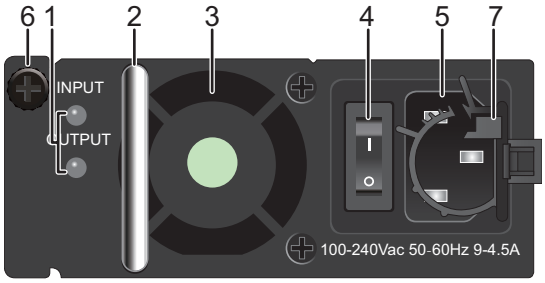
Function	Description
PoE power supply	Provides a maximum of 369.6 W PoE power.
Input protection	Input overcurrent and undervoltage protection is provided.
Output protection	Output overvoltage, overcurrent, and short-circuit protection is provided.
Overtemperature protection	When the temperature of the 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 6-38 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 6-63 describes indicators on a 580 W AC PoE power module panel.

Table 6-63 Description of indicators on a 580 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 6-64 describes technical specifications of a 580 W AC PoE power module.

Table 6-64 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

Item	Description
Maximum output power	• PoE: 369.6 W • Total: 580 W
Part number	02130953

6.17 650 W DC PoE Power Module

Product Support

Table 6-65 lists the switch models supporting a 650 W DC PoE power module.

Table 6-65 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 6-39 Appearance of a 650 W DC PoE power module (PDC-650WA-BE)

Function

Table 6-66 describes the functions of a 650 W DC PoE power module.

Table 6-66 Functions of a 650 W DC PoE power module

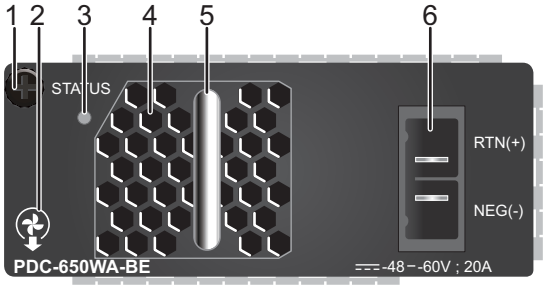
Function		Description
Input protection	Input undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.
	Input overcurrent protection	In this protection state, the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

Panel

Figure 6-40 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 6-67 describes the indicator on the 650 W DC PoE power module panel.

Table 6-67 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 6-68 describes technical specifications of a 650 W DC PoE power module.

Table 6-68 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

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

6.18 1000 W AC PoE Power Module (PAC1000D5412)

Product Support

Table 6-69 lists the switch models supporting a 1000 W AC PoE power module.

Table 6-69 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 6-41 Appearance of a 1000 W AC PoE power module

Functions

Table 6-70 describes the functions of a 1000 W AC PoE power module.

Table 6-70 Functions of a 1000 W AC PoE power module

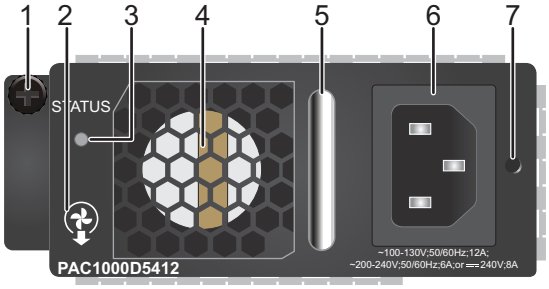
Function	Description
PoE power supply	Provides a maximum of 754.6 W PoE power.
Input protection	Provides protection against input overvoltage and input undervoltage.
Output protection	Provides protection against output overvoltage, output overcurrent, and output short-circuit.
Overtemperature protection	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 6-42 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 6-71 describes indicators on a 1000 W AC PoE power module.

Table 6-71 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 6-72 lists the specifications of a 1000 W AC PoE power module.

Table 6-72 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

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

6.19 1000 W AC PoE Power Module (PAC1000S56-CB)

Product Support

Table 6-73 lists the switch models supporting a 1000 W AC PoE power module.

Table 6-73 Product support for a 1000 W AC PoE power module

Power Module Name	Product Support
PAC1000S56-CB	S5731-H24P4XC, S5731-H48P4XC, S5731-S24P4X, S5731-S48P4X, S5731S-S24P4X-A, S5731S-S48P4X-A, S5732-H24UM2CC, S5732-H48UM2CC, S5735-L48P4X-A, S5735S-L48P4S-A, S5735S-L48P4X-A, S5735-S24P4X, S5735-S48P4X, S5735S-S24P4X-A, and S5735S-S48P4X-A

Appearance

Figure 6-43 Appearance of a 1000 W AC PoE power module (PAC1000S56-CB)

Function

Table 6-74 describes the functions of a 1000 W AC PoE power module.

Table 6-74 Functions of a 1000 W AC PoE power module

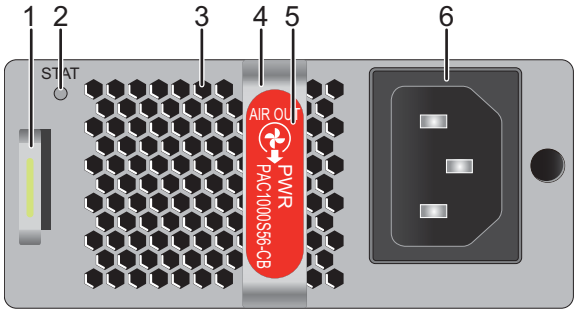
Function	Description
PoE power supply	Provides PoE power.
Input protection	Provides protection against input overvoltage, input undervoltage, and input overcurrent.
Output protection	Provides protection against output overvoltage, output overcurrent, and output short circuits.
Overtemperature protection	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.

Panel

Figure 6-44 Panel of a 1000 W AC PoE power module (PAC1000S56-CB)



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

Table 6-75 describes the indicator on a 1000 W AC PoE power module.

Table 6-75 Description of the indicator on a 1000 W AC PoE power module

Indicator	Color	Description
STAT: 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 or overtemperature). • Steady on: The power module is working normally.

Specifications

Table 6-76 lists specifications of a 1000 W AC PoE power module.

Table 6-76 Specifications of a 1000 W AC PoE power module

Item	Description
Dimensions (H x W x D)	40 mm x 90 mm x 215 mm (1.6 in. x 3.5 in. x 8.5 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, 45 Hz to 65 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: 8 A 240 V DC: 8 A
Maximum output current	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
Output voltage	56 V DC

Item	Description
Maximum output power	100 V AC to 130 V AC input: • PoE: Depending on the switch model, query the Power Supply Configuration in the chassis based on the actual model. • Total: 900 W 200 V AC to 240 V AC input and 240 V DC input: • PoE: Depending on the switch model, query the Power Supply Configuration in the chassis based on the actual model. • Total: 1000 W
Operating altitude	100 V AC to 130 V AC: 0-3000 m (0-9483 ft.) 200 V AC to 240 V AC: 0-5000 m (0-16404 ft.) 240 V DC: 0-5000 m (0-16404 ft.)
Part number	02312KND

6.20 1000 W DC Power Module (PDC1000S12-DB)

Product Support

Table 6-77 lists the switch models supporting a 1000 W DC power module.

Table 6-77 Product support for a 1000 W DC power module

Power Module Name	Product Support
PDC1000S12-DB	S5731-H24T4XC, S5731-H48T4XC, S5731-S24T4X, S5731-S48T4X, S5731S-S24T4X-A, S5731S-S48T4X-A, S5731S-H24T4XC-A, S5731S-H48T4XC-A, S5732-H24S6Q, S5732-H48S6Q, S5731S-H24T4S-A, S5731S-H48T4S-A, S5731S-H24T4X-A, S5731S-H48T4X-A, S5735-S24T4X, S5735-S32ST4X, S5735-S48T4X, S5735-S48S4X, S5735S-S24T4S-A, S5735S-S32ST4X-A, S5735S-S48T4S-A, S5735S-S24T4X-A, and S5735S-S48T4X-A

Appearance

Figure 6-45 Appearance of a 1000 W DC power module (PDC1000S12-DB)

Function

Table 6-78 describes the functions of a 1000 W DC power module.

Table 6-78 Functions of a 1000 W DC power module

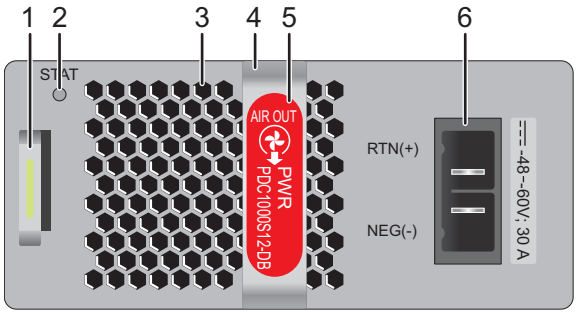
Function	Description
Input protection	Provides protection against input overvoltage, input undervoltage, and input overcurrent.
Output protection	Provides protection against output overvoltage, output overcurrent, and output short circuits.
Overtemperature protection	When the temperature of the power 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.

Panel

Figure 6-46 Panel of a 1000 W DC power module (PDC1000S12-DB)



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

Table 6-79 describes the indicator on a 1000 W DC power module.

Table 6-79 Description of the indicator on a 1000 W DC power module

Indicator	Color	Description
STAT: 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 or overtemperature). • Steady on: The power module is working normally.

Specifications

Table 6-80 lists specifications of a 1000 W DC power module.

Table 6-80 Specifications of a 1000 W DC power module

Item	Description
Dimensions (H x W x D)	40 mm x 90 mm x 215 mm (1.6 in. x 3.5 in. x 8.5 in.)
Weight	1.02 kg (2.25 lb)
Rated input voltage range	-48 V DC to -60 V DC

Item	Description
Maximum input voltage range	-38.4 V DC to -72 V DC
Maximum input current	30 A
Maximum output current	83.3 A
Output voltage	12 V DC
Maximum output power	1000 W
Operating altitude	0-5000 m (0-16404 ft.)
Part number	02312QJK

6.21 1150 W AC PoE Power Module

Product Support

Table 6-81 lists the switch models supporting a 1150 W AC PoE power module.

Table 6-81 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 6-47 Appearance of a 1150 W AC PoE power module (W2PSA1150)

Figure 6-48 shows a 1150 W AC PoE power module installed on a switch.

Figure 6-48 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 6-82 describes the functions of a 1150 W AC PoE power module.

Table 6-82 Functions of a 1150 W AC PoE power module

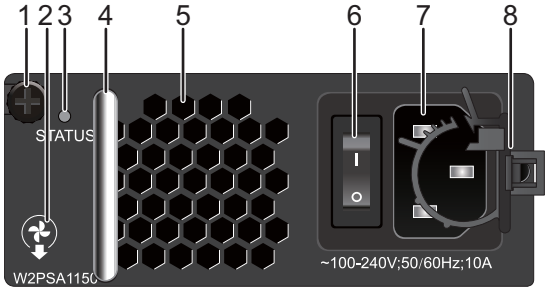
Function	Description
PoE power supply	Provides a maximum of 785.4 W PoE power.
Input protection	Provides protection against input overcurrent and input undervoltage.
Output protection	Provides protection against output overvoltage, output overcurrent, and output short-circuit.
Overtemperature protection	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.

Panel

Figure 6-49 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 6-83 describes indicators on a 1150 W AC PoE power module panel.

Table 6-83 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 6-84 lists the specifications of a 1150 W AC PoE power module.

Table 6-84 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

6.22 RPS1800 Power Supply

Product Support

Table 6-85 lists the mapping between switch models and the RPS1800 power supply.

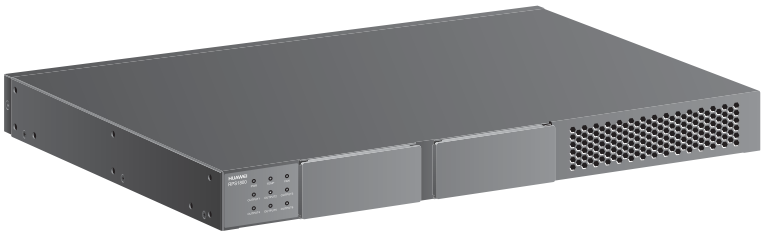
Table 6-85 Mapping between switch models and the RPS1800 power supply

Power Module Name	Product Support
RPS1800 power supply	S5700-LI, S5700S-LI, S5710-X-LI, S5720-X-LI, S5720-P-LI, S5720S-SI, S5720-X-EI, S5720-P-EI, S5720S-28X-LI-24S-AC, S5720-28X-SI-24S-AC, S5720-28X-SI-24S-DC, and S5700-26X-SI-12S-AC **NOTE** The S5720-16X-PWH-LI-AC, S5700-10P-PWR-LI-AC, and S5700-10P-LI-AC do not support the RPS.

Appearance

Figure 6-50 shows the appearance of an RPS1800 power supply.

Figure 6-50 Appearance of an RPS1800 power supply



Function

The RPS1800 is a redundant power supply that ensures seamless failover if the internal power module of a switch fails. The RPS1800 can detect the failure of the internal power module on a connected switch and immediately supply power to this switch. The switch can continue operating without a restart.

The RPS1800 has the following features:

- For non-PoE switches, the RPS1800 can provide 6:1 power redundancy without an 870 W PoE power module:
  - The RPS1800 can connect to a maximum of six switches and ensure seamless failover for at most one switch if the internal power module of the switch fails.
  - When the internal power module of the switch powered by the RPS1800 recovers, the RPS1800 immediately returns to the backup state.
  - Among the six DC output ports, port 1 has the highest priority, and the other ports have the same priority. When the RPS1800 connects to six switches, the switch connected to port 1 preferentially receives power from the RPS1800.
- For S5700-LI and S5700S-LI PoE switches, the RPS1800 supports the forcible PoE power supply mode (default) and the 6:1 power cold redundancy mode.

  Forcible PoE power supply mode:
  - The RPS1800 must be configured with one or two 870 W PoE power modules.
  - The forcible PoE power supply mode is the default mode for the PoE switches connected to the RPS1800. In this mode, the RPS1800 provides PoE power supply to the PoE switches. When configured with one 870 W PoE power module, the RPS1800 can provide PoE power supply for only one PoE switch. When configured with two 870 W PoE power modules, the RPS1800 can provide PoE power supply for two PoE switches, 800 W PoE power for each switch.
  - The PoE power provided by the RPS1800 and the PoE power of a switch's internal power modules do not accumulate. That is, when a PoE switch is connected to the RPS1800, its maximum PoE power is 800 W.
  - When using 110 V power input, each 870 W PoE power module can provide only 400 W of PoE power. In this case, an RPS1800 must be configured with two 870 W PoE power modules if it is used to provide PoE power supply. Additionally, only one port of the RPS1800 can provide PoE power supply for a switch.

  - The RPS1800 provides power redundancy for system and PoE power modules of the connected PoE switches. However, it can provide power redundancy for only two PoE switches at the same time.
  - The six DC output ports have the same priority.
  - You can use the **rps cold-backup** command to switch to the 6:1 power cold redundancy mode. The S5700-28P-PWR-LI-AC and S5700-52P-PWR-LI-AC do not support the 6:1 power cold redundancy mode.

  6:1 power cold redundancy mode:

  - If the RPS1800 has no 870 W PoE power module, it provides the same functions for PoE switches as it does for non-PoE switches.
  - If the RPS1800 has 870 W PoE power modules installed, it provides power redundancy for the system and PoE power modules of PoE switches but does not provide forcible PoE power supply for the switches.
  - The RPS1800 can provide PoE power redundancy for only one switch at a time. It requires only one 870 W PoE power module when using 220 V power input and requires two 870 W PoE power module when using 110 V power input.

- For S5720-LI PoE switches, the RPS1800 supports the 6:1 power cold redundancy mode.

  6:1 power cold redundancy mode:

  - If the RPS1800 has no 870 W PoE power module, it provides the same functions for PoE switches as it does for non-PoE switches.
  - If the RPS1800 has 870 W PoE power modules installed, it provides power redundancy for the system and PoE power modules of PoE switches but does not provide forcible PoE power supply for the switches.
  - The RPS1800 can provide PoE power redundancy for only one switch at a time. It requires only one 870 W PoE power module when using 220 V power input and requires two 870 W PoE power module when using 110 V power input.

NOTE

The 870 W PoE power modules and RPS cables are not hot swappable.

The RPS1800 only provides power redundancy for switches and cannot power on a switch directly.

Application

The RPS1800 can be deployed on various networks to ensure non-stop operation of the networks. **Figure 6-51** and **Figure 6-52** show different deployments of the RPS1800.

When an RPS1800 uses the same external power supply system as the connected switches, it can prevent service interruption caused by failures of the switches' internal power modules. When an RPS1800 uses a different external power supply system than the connected switches, it can prevent service interruption caused by failures of switches' internal power modules and external power supply system. Therefore, this deployment is more reliable.

Figure 6-51 Same external power supply system for RPS1800 and connected switches

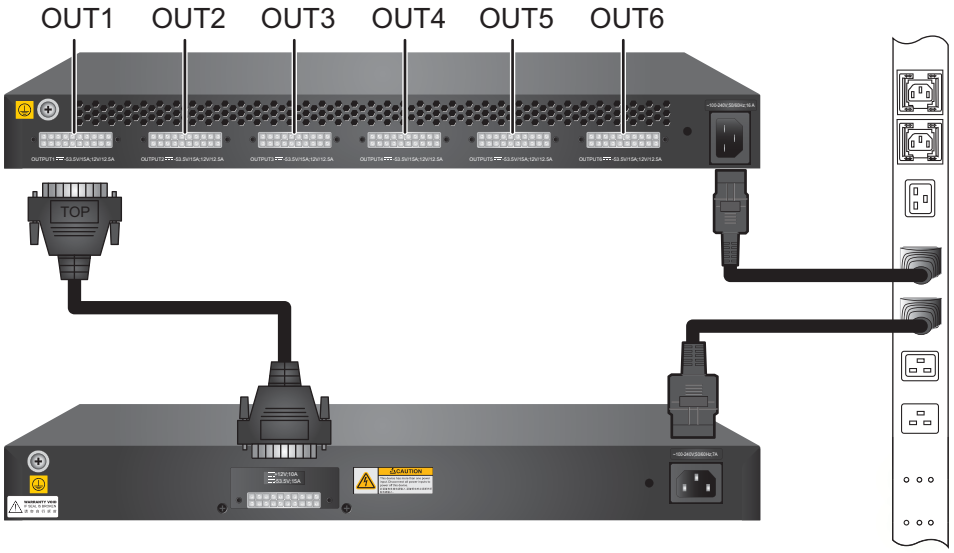
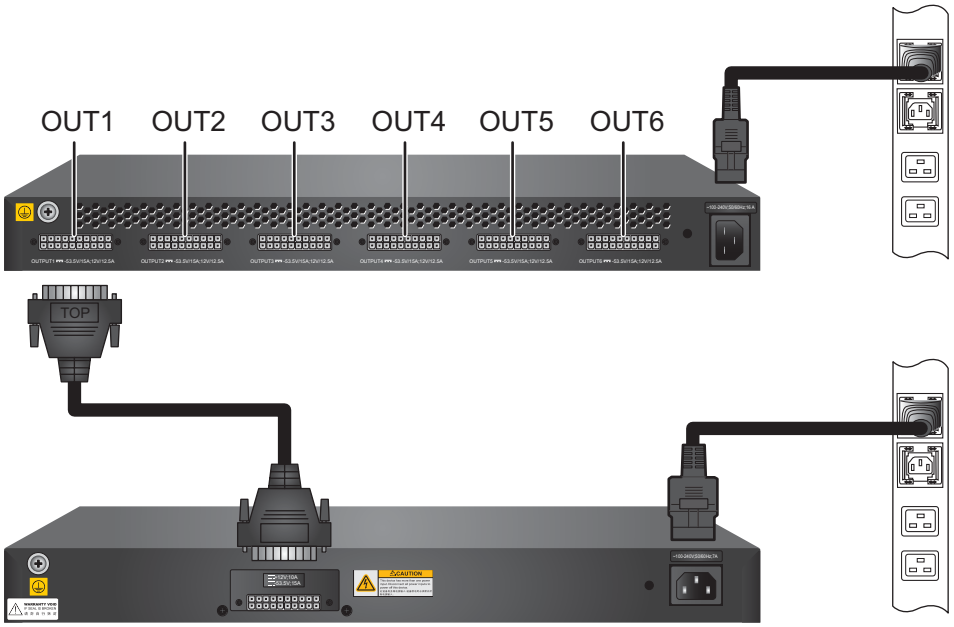


Figure 6-52 Different external power supply systems for RPS1800 and connected switches

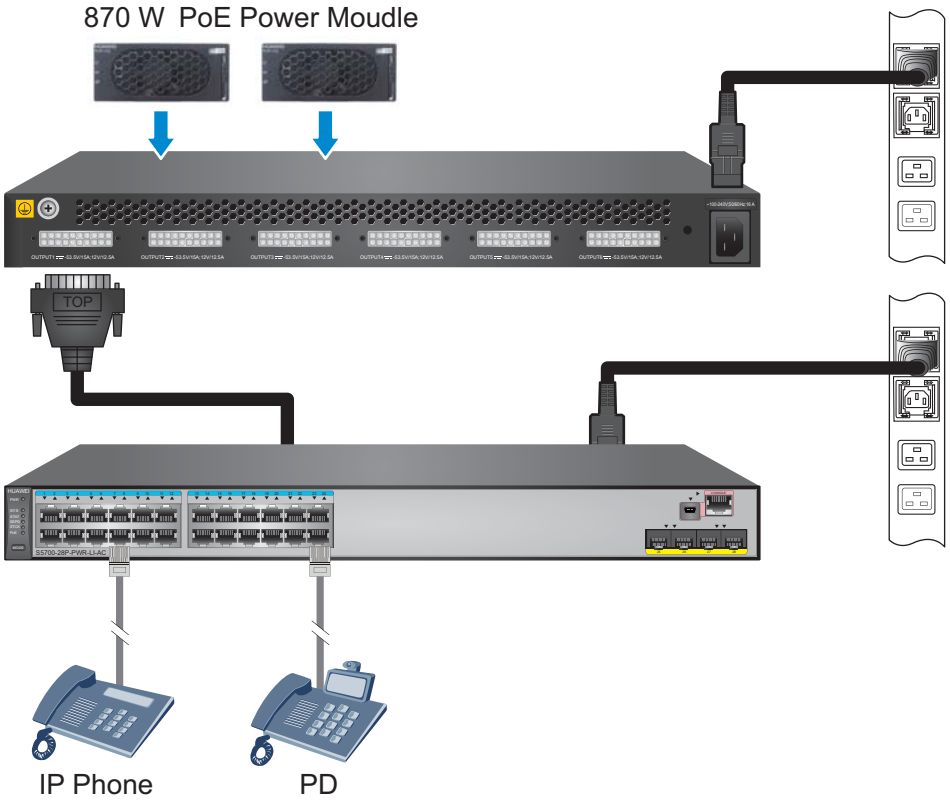


If one of switches connected to the RPS1800 encounters an internal power module failure, the RPS1800 provides seamless failover for the switch. Then the RPS1800 does not provide power backup for the other switches connected until the internal power module of the faulty switch is recovered or replaced.

If more than one connected switch has an internal power module failure, the RPS1800 preferentially provides power for the switch connected to port 1. If the switch connected to port 1 has an internal power module failure when the RPS1800 is providing power for a switch connected to another port, the RPS1800 immediately stops supplying power for this switch and starts providing power to the switch connected to port 1.

If the RPS1800 has 870 W PoE power modules installed, it can provide PoE power for PoE switches, as shown in **Figure 6-53**.

Figure 6-53 PoE power supply for connected switches



Panel Description

Figure 6-54 and **Figure 6-55** show the appearance of an RPS1800 power supply.

Figure 6-54 Front view of an RPS1800 power supply

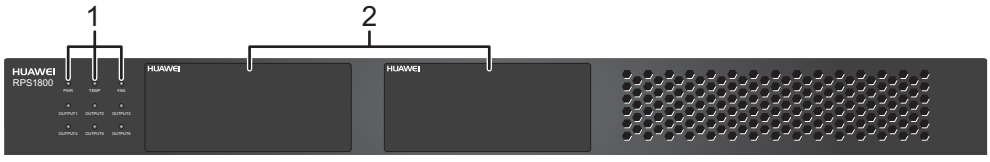
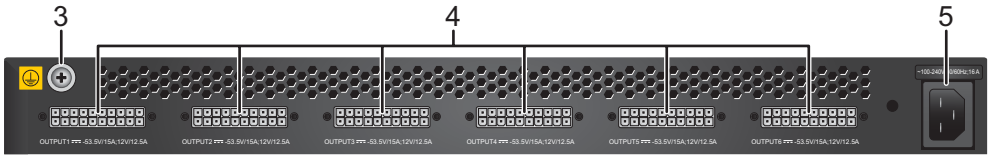


Figure 6-55 Rear view of an RPS1800 power supply



1. RPS power indicators	2. Two swappable power module slots **NOTE** **870 W PoE power modules** can be installed in the slots.	3. Ground screw	4. Six DC output ports **NOTE** The DC output ports connect to switches through **RPS cables**.	5. AC power socket **NOTE** The AC power socket connects to an AC power source through an **RPS1800 power cable**.

Table 6-86 describes the indicators on the panel of an RPS1800 power supply.

Table 6-86 Indicators on the panel of an RPS1800 power supply

Indicator	Color	Description
PWR	Green	Steady on: The power input is in normal range.
	-	Off: The switch is powered off.
TEMP	Green	Steady on: The temperature is in normal range.
	Red	Steady on: The temperature is out of range.
	-	Off: The switch is powered off.
FAN	Green	Steady on: The fan module runs properly.
	-	Off: The switch is powered off.
OUTPUT	Green	Steady on: The RPS power supply is in cold backup state. Blinking: The RPS power supply is providing power.
	Orange	Steady on: The RPS power supply is providing power for one or more switches and is therefore unavailable to supply power for more switches.
	-	Off: The switch is powered off.

Specifications

Table 6-87 describes technical specifications of an RPS1800 power supply.

Table 6-87 Technical specifications of an RPS1800 power supply

Item	Description (Without Power Modules Installed)	Description (with One Power Module Installed)	Description (with Two Power Modules Installed)
Dimensions (H x W x D)	43.6 mm x 442.0 mm x 310.0 mm (1.72 in. x 17.4 in. x 12.2 in.)		
Weight	4.0 kg	5.5 kg	7.0 kg
Operating temperature	0°C to 50°C (at 0-2000 m altitude)		
Storage temperature	-40°C to +70°C		
Relative humidity	5% RH to 95% RH, noncondensing		
Airflow direction	Air flows in through the DC output ports side and flows out through the power module side.		
Rated input voltage	220/110 V AC, 50/60 Hz		
Input voltage range	200 V AC to 240 V AC (220 V rated voltage input)/100 V AC to 120 V AC (110 V rated voltage input), 50/60 Hz		
Input current	12 A		
Maximum output current	12 V: 11.5 A	• 12 V: 11.5 A • -53.5 V: 15 A (input voltage range: 200 V AC to 240 V AC)	• 12 V: 11.5 A • -53.5 V: 15 A output per port (input voltage range: 200 V AC to 240 V AC) • -53.5 V: 15 A output per port (input voltage range: 100 V AC to 120 V AC, two 870 W PoE power modules required)

Item	Description (Without Power Modules Installed)	Description (with One Power Module Installed)	Description (with Two Power Modules Installed)
Maximum output power	12 V: 140 W	• 12 V: 140 W • -53.5 V: 800 W (input voltage range: 200 V AC to 240 V AC)	• 12 V: 140 W • -53.5 V: 1600 W (input voltage range: 200 V AC to 240 V AC) • -53.5 V: 800 W (input voltage range: 100 V AC to 120 V AC, two 870 W PoE power modules required)
Part number	02353857		

NOTE

Each interface of the RPS provides a maximum of 140 W power for the device and 800 W PoE power for PDs.

6.23 870 W PoE Power Module (Rectifier 15 A)

Product Support

Table 6-88 lists the RPS1800 matching an 870 W PoE power module.

Table 6-88 RPS1800 matching an 870 W PoE power module

Power Module Name	Product Support
LS5W2PSA0870	Supported only in the RPS1800

Appearance

Figure 6-56 shows the appearance of an 870 W PoE power module.

Figure 6-56 Appearance of an 870 W PoE power module

Function

An 870 W PoE power module can be configured on the RPS1800 to convert 100 V AC to 240 V AC power input into -53.5 V DC default power output. The functions of the power module are described in **Table 6-89**. When the RPS1800 is configured with one 870 W PoE power module, it provides 800 W of PoE power for connected devices. It can be configured with a maximum of two 870 W PoE power modules to provide 1600 W of PoE power for connected devices.

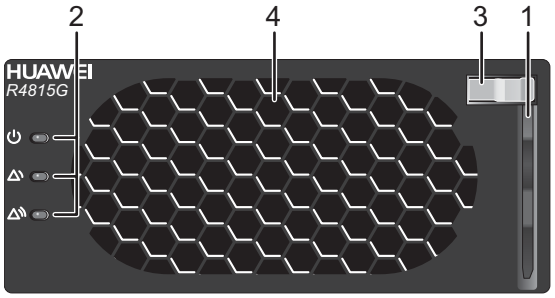
Table 6-89 Functions of an 870 W PoE power module

Function	Description
Input protection	Input undervoltage and overvoltage protection is provided.
Output protection	Output overvoltage, overcurrent, and short-circuit protection is provided.
Overtemperature protection	-
Hot swapping	Not supported

Panel Description

Figure 6-57 shows the panel of an 870 W PoE power module.

Figure 6-57 Panel of an 870 W PoE power module



1. Extensible handle	2. Power status indicator	3. Slide pinch	4. Fan

Table 6-90 describes indicators on an 870 W PoE power module panel.

Table 6-90 Description of indicators on an 870 W PoE power module panel

Indicator	Color	Description
Power indicator 	Green	Off: No AC input power is provided or the power module is faulty. Steady on: AC input power is provided. Slow blinking: The power module is in manual query state. Fast blinking: Applications are being loaded on the power module.
Alarm indicator 	Yellow	Off: No alarm has been triggered on the power module. Steady on: • A power alarm has been generated due to ambient overtemperature. • A power-off alarm has been triggered by high or low ambient temperature. • Input undervoltage and overvoltage occur. • The power module is in dormant state. Blinking: The power module disconnects from the RPS1800.
Fault indicator 	Red	Off: No fault exists on the power module. Steady on: The power output is locked because of output overvoltage or no power output is provided because the power module is faulty.

Specifications

Table 6-91 describes technical specifications of an 870 W PoE power module.

Table 6-91 Technical specifications of an 870 W PoE power module

Item	Description
Dimensions (H x W x D)	40.8 mm x 95.5 mm x 208.0 mm (1.61 in. x 3.76 in. x 8.19 in.)
Weight	< 1.5 kg

Item	Description
Rated input voltage	220/110 V AC, 50/60 Hz
Maximum input voltage range	200 V AC to 240 V AC (220 V rated voltage input)/100 V AC to 120 V AC (110 V rated voltage input), 47 Hz to 63 Hz
Input current	4.7 A
Maximum output power	• 870 W (voltage range: 200 V to 240 V) • 435 W (voltage range: 100 V to 120 V)
Part number	02310LGV