

S5700 Series Switches Hardware Description

This document provides an overall description of the S5700 hardware, helping you obtain detailed information about each chassis, card, power module, fan module, cable, and optical module.

About This Document

Using the Hardware Query Tool to Query Hardware Description Information

Using the Hardware Configuration Tool to Calculate Power Consumption of Equipment

Version Requirements for Components

> Chassis

Power Modules

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

60 W AC Power Module (PAC60S12-AR)

150 W AC Power Module (LS5M100PWA00/ES0W2PSA0150)

150 W AC Power Module (PAC150S12-R)

150 W DC Power Module (LS5M100PWD00/ES0W2PSD0150)

170 W AC Power Module (W0PSA1701)

170 W DC Power Module (ES5M0PSD1700)

180 W DC Power Module (PDC180S12-CR)

240 W AC Power Module (PAC240S56-CN)

260 W AC Power Module (PAC-260WA-E)

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170 W AC Power Module (W0PSA1701)

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

Translation

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350 W AC Power Module (PAC-350WA-B)
350 W DC power module (PDC-350WA-B)
600 W AC Power Module (PAC-600WA-B)
600 W AC Power Module (PAC600S12-CB)
250 W AC PoE Power Module (W0PSA2500)
500 W AC PoE Power Module (W0PSA5000/PAC-500WA-BE)
580 W AC PoE Power Module (W2PSA0580)
650 W DC PoE Power Module (PDC-650WA-BE)
1000 W AC PoE Power Module (PAC1000D5412)
1000 W AC PoE Power Module (PAC1000S56-CB)
1000 W DC Power Module (PDC1000S12-DB)
1150 W AC PoE Power Module (W2PSA1150)
RPS1800 Power Supply
870 W PoE Power Module (LS5W2PSA0870, Rectifier 15 A)
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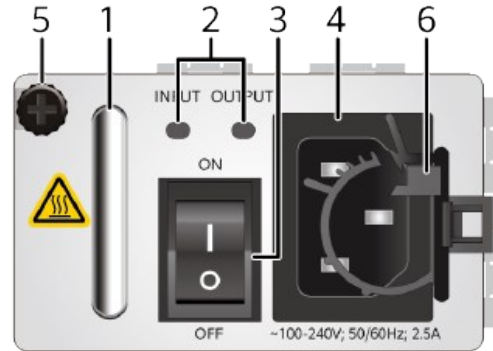
Function	Description
	there is no power input and the alarm triggered when there is no power output are supported.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold (75°C), the power module stops supplying power. When the temperature falls into the normal 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
Maximum output power	170 W
Part number	02130966

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