

S6700 Series Switches Hardware Description

This document provides an overall description of the S6700 hardware, helping you obtain detailed information about each chassis, 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

150 W AC Power Module
(ES0W2PSA0150)

150 W DC Power Module
(ES0W2PSD0150)

170 W AC Power Module (W0PSA1701)

170 W DC Power Module
(ES5M0PSD1700)

260 W DC Power Module (PDC260S12-DL)

300 W AC Power Module (PAC300S12-CL)

350 W DC power module (PDC-350WA-B)

500 W DC Power Module
(LS6W2PSD0500)

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

600 W AC Power Module (PAC600S12-

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

Product Support

Table 6-33 lists the switch models supporting a 600 W AC power module.

Table 6-33 Product support for a 600 W AC power module

Power Module Name	Product Support
PAC-600WA-B	S6720-C-EI series and S6720-HI series

Appearance

Figure 6-17 Appearance of a 600 W AC power module



Function

Table 6-34 describes the functions of a 600 W AC power module.

Table 6-34 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	In this protection state, the power module stops supplying power and cannot

 Translation ▾

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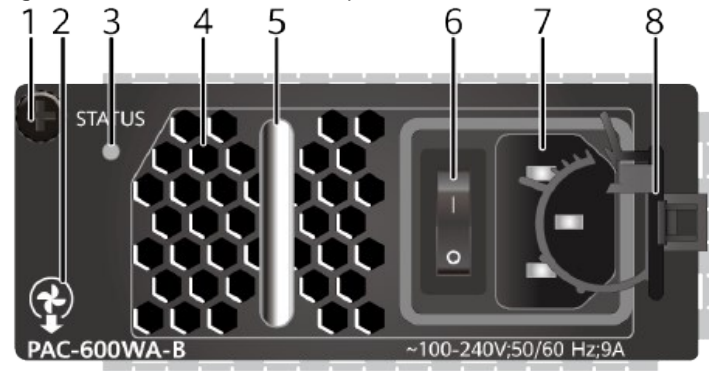
CB) 500 W AC Power Module (W0PSA5000) 580 W AC PoE Power Module (W2PSA0580) 650 W DC PoE Power Module (PDC-650WA-BE) 1000 W AC PoE Power Module (PAC1000D5412) 1000 W DC Power Module (PDC1000S12-DB) 1150 W AC PoE Power Module (W2PSA1150) RPS1800 Power Supply 870 W PoE Power Module (LS5W2PSA0870, Rectifier 15 A)	Function	Description	
		protection	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
> Fan Modules			
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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 6-18 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 6-35 describes the indicator on the 600 W AC power module panel.

Table 6-35 Description of the indicator on the 600 W AC power module panel

Indicator	Color	Description

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 6-36 lists specifications of a 600 W AC power module.

Table 6-36 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)
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

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