

HUAWEI USG6000E Series V600 Hardware Guide

This document of the USG6000E Series describes hardware structure, installation guide, and hardware maintenance. The content of this document includes the appearance and specifications of the product, preparation before the installation, installation, cabling, and hardware replacement.

About This Document

Using the Hardware Query Tool and the Hardware Configuration Tool

Software Versions
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Hardware Overview

> Chassis

> Power Adapters

Power Modules

PAC60S12-AR
AC Power
Module

PAC60S12-R AC
Power Module

PAC150S12-R
AC Power
Module

PDC350S12-B
DC Power
Module

**PAC600S12-B
AC Power
Module**

PAC600S12-CB
AC Power
Module

PDC1000S12-CB
DC Power
Module

PAC1K2S12-B
AC&240 V DC
Power Module

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PAC600S12-B AC Power Module

The PAC600S12-B AC power module is a AC-input and DC-output power module.

Mapping

Table 4-86 lists devices that support PAC600S12-B AC power module.

Table 4-86 Devices supporting PAC600S12-B AC power module

power module	Applicable Device
PAC600S12-B AC power module	- USG6630E - USG6650E

Appearance

Figure 4-43 illustrates the appearance of the PAC600S12-B AC power module.

Figure 4-43 Appearance of the PAC600S12-B AC power module

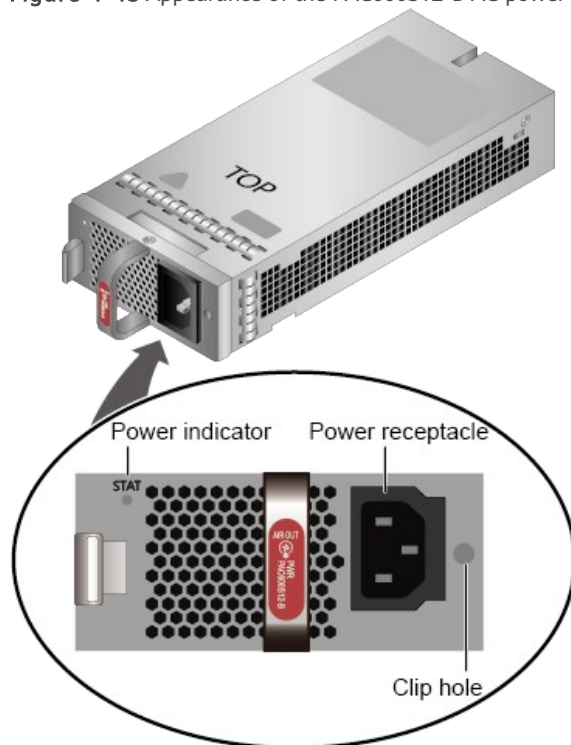


Table 4-87 Power status indicator

 Translation ▾

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> Appendix

Indicator	Name	Color	Status	Description
STAT	Power status indicator	Green	Steady on	The output of the AC power module is normal.
		-	Off	• The input of the AC power module is out of range. For example,no AC input, AC input overvoltage, or AC input undervoltage has occurred. • The output of the AC power module is out of range. For example,undervoltage, or overtemperature has occurred.



Table 4-88 Interface description

Name	Description
Power receptacle	Connects the C13 plug of the AC power cable. For details, see AC Power Cables .
Clip hole	The hole is used to install the power cable clip, which is used to bind and fix the power cable. The power cable clip is installed before shipment.

Function

Table 4-89 lists the functions of the PAC600S12-B AC power module.

Table 4-89 Functions of the PAC600S12-B AC power module

Item	Description
Input undervoltage protection	Stops power output and automatically restores power output after the input voltage becomes normal.
Input overvoltage protection	Stops power output and automatically restores power output after the input voltage becomes normal.
Input overcurrent protection	Stops power output and does not automatically restore power output after the input current becomes normal.
Output current limiting protection	Intermittently provides output and automatically restores normal output after the output current falls within a normal range.
Output overvoltage protection	Intermittently stops output and automatically restores output after the overvoltage condition is removed.
Output short circuit protection	Intermittently provides output and automatically restores normal output after the output short circuit is removed.
Overtemperature protection	When the temperature of the power module reaches a preset threshold, the power module stops power

Item	Description
	output and will automatically restore power output after the temperature drops back to the normal range.
Heat dissipation	The heat dissipation is provided by the fan of the power module.
Hot swap	The device has 1+1 power module redundancy. You can hot-swap a power module without interrupting device operation.

Technical Specifications

Table 4-90 lists the technical specifications of the PAC600S12-B AC power module.

Table 4-90 Technical specifications of the PAC600S12-B AC power module

Item	Description
Silkscreen	PAC600S12-B
Part number	02312DUP
Dimensions (H x W x D)	39.8 mm x 90 mm x 215 mm (1.57 in. x 3.54 in. x 8.46 in.)
Weight	0.97 kg
Input	
Rated input voltage range	100 V AC to 240 V AC (50 Hz/60 Hz)
Maximum input voltage range	90 V AC to 290 V AC (47 Hz to 63 Hz)
Maximum input current	9 A
Output	
Rated output voltage	12 V DC
Maximum output voltage range	11.64 V DC to 12.36 V DC
Maximum output current	50 A
Maximum output power	600 W

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