Huawei PAC600S12-EB

600 W AC & 240 V DC Power Module

12 V DC / 50 A output | AC 100–240V or 240 V DC input | Fan cooling | Hot swapping

Product Overview

The PAC600S12-EB is a 600 W power module that converts AC or 240 V DC input into a 12 V DC output to power CloudEngine S6700 series switches. It is cooled by a built-in fan, supports hot swapping and provides input, output and overtemperature protection.

Product Highlights

- AC input 100–240 V (50/60 Hz), tolerating 90–290 V AC; or 240 V DC input (190–290 V DC)
- Rated output: 12 V DC, 50 A, 600 W
- Heat dissipation with fan; hot swapping supported
- Protection: input undervoltage and overcurrent; output overvoltage, overcurrent and short-circuit; overtemperature
- Single STAT indicator: green steady on = working normally; off = input or output abnormal

Basic Information

Item	Value
Model	PAC600S12-EB
Part Number	02312FFU-002
Description	600 W AC & 240 V DC Power Module
Panel components	Lock, indicator, fan air vent, handle, airflow flag (air out), power socket

Technical Specifications

Item	Specification
Dimensions (H ×W ×D)	40 mm ×90 mm ×215 mm (1.6 in. ×3.5 in. ×8.5 in.)
Weight	0.985 kg (2.17 lb)
Number of inputs	1
Rated input voltage	100–240 V AC, 50/60 Hz 240 V DC
Input voltage range	90–290 V AC, 45–65 Hz 190–290 V DC
Maximum input current	100–240 V AC: 8 A 240 V DC: 4 A
Rated output voltage	12 V
Rated output current	50 A
Rated output power	600 W
Power dissipation mode	Heat dissipation with fan
Hot swapping	Supported

PAC600S12-EB —Indicators,Protection & Compatibility

Indicator

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

Functions and Features

Protection	Behavior
Input undervoltage	Power supply stops; resumes automatically when the input voltage returns to the normal range
Input overcurrent	Power supply stops; does not resume automatically when the input current returns to the normal range
Output overvoltage	Power supply stops intermittently; resumes automatically when the output voltage returns to the normal range
Output overcurrent	Power is supplied intermittently; resumes automatically when the output current is within range
Output short-circuit	Power is supplied intermittently; resumes automatically when the short circuit is removed
Overtemperature	Power supply stops above the threshold; resumes automatically when the temperature returns to normal. Lower the ambient temperature when this protection is triggered.
Hot swapping	Supported

Version Mapping

Switch models and item numbers supported by the PAC600S12-EB.

Product	Product Model	Item No.	First Supported Version
S6730-H	S6730-H24X6C	02352FSG, 02353GFC	V200R019C10
S6730-H	S6730-H24X6C	02352FSG-001, 02353GFC-001	V200R020C10
S6730-H	S6730-H24X6C	02352FSG-005, 02353GFC-003	V200R021C10SPC500
S6730-H	S6730-H24X6C	02352FSG-007, 02352FSG-009, 02353GFC-004	V200R021C10SPC600
S6730-H	S6730-H48X6C	02352FSF, 02353FWL	V200R019C10
S6730-H	S6730-H48X6C	02352FSF-003, 02353FWL-003	V200R020C10
S6730-H	S6730-H48X6C	02352FSF-007, 02353FWL-005	V200R021C10SPC500
S6730-H	S6730-H48X6C	02352FSF-009, 02352FSF-012, 02353FWL-006	V200R021C10SPC600
S6730-H	S6730-H48X6C	02352FSF-011	V200R022C00
S6730-S	S6730-S24X6Q	02353AJW	V200R019C10
S6730-S	S6730-S24X6Q	02353AJW-001	V200R020C10
S6730-S	S6730-S24X6Q	02353AJW-003	V200R021C10SPC500
S6730-S	S6730-S24X6Q	02353AJW-004	V200R021C10SPC600
S6730-S	S6730-S48X6Q	02355UUS	V200R023C10
S6730S-S	S6730S-S24X6Q-A	02353AJX	V200R019C10
S6730S-S	S6730S-S24X6Q-A	02353AJX-001	V200R020C10
S6730S-S	S6730S-S24X6Q-A	02353AJX-003	V200R021C10SPC500
S6730S-S	S6730S-S24X6Q-A	02353AJX-004	V200R021C10SPC600
S6730S-H	S6730S-H24X6C-A	02353HVK	V200R019C10
S6730S-H	S6730S-H24X6C-A	02353HVK-001	V200R020C10
S6730S-H	S6730S-H24X6C-A	02353HVK-003	V200R021C10SPC500
S6730S-H	S6730S-H24X6C-A	02353HVK-004	V200R021C10SPC600
S6735-S	S6735-S24X6C	98011880	V200R021C00SPC600
S6735-S	S6735-S48X6C	98011879	V200R021C00SPC600

Source: S6700 Series Ethernet Switches Hardware Description (V200), Issue 52 (2025-09-30), chapter 5 “Power Modules”, section 5.18. Compiled summary for reference only; this is not an official manufacturer document. Specifications and compatibility are subject to change; verify against current manufacturer documentation.