Huawei PAC60S12-AN

60 W AC & HVDC Independent Power Module

12 V DC / 5 A output | AC 100–240V or HVDC 110–250 V input | Natural cooling | 3-pin input, 2-pin output

Product Overview

The PAC60S12-AN is an independent 60 W power module that converts AC or high-voltage DC input into a stable 12 V DC output to power CloudEngine S5700 series industrial-grade switches. It uses natural heat dissipation (no fan) and provides input, output and overtemperature protection.

Product Highlights

- Wide input: 100–240 V AC (50/60 Hz) or 110–250 V DC, tolerating 90–290 V AC / 88–300 V DC
- Rated output: 12 V DC, 5 A, 60 W
- Fanless natural heat dissipation; hot swapping supported
- Protection: input overcurrent and undervoltage; output overvoltage, overcurrent and short-circuit; overtemperature
- Single green DC 12V indicator for normal, hiccup-protection and fault states

Basic Information

Item	Value
Model	PAC60S12-AN
Part Number	02131664 / 02131664-001
Description	60 W AC & HVDC Power
Output connector	2-pin DC output socket (GND, 12 V)
Input connector	3-pin AC/DC input socket (PE, N/-, L/+)
Cabling note	2PIN and 3PIN connectors are in the auxiliary material package delivered with the device

Technical Specifications

Item	Specification
Dimensions (H ×W ×D)	150 mm ×40 mm ×130 mm (5.91 in. ×1.57 in. ×5.12 in.)
Weight	0.9 kg (1.98 lb)
Rated input voltage	AC: 100–240 V AC, 50/60 Hz DC: 110–250 V DC
Input voltage range	AC: 90–290 V AC DC: 88–300 V DC
Rated input current	2 A
Rated output voltage	12 V DC
Rated output current	5 A
Rated output power	60 W
Power dissipation mode	Natural heat dissipation
Hot swapping	Supported

PAC60S12-AN —Indicators,Protection & Compatibility

Indicator

Silkscreen	Color	Status	Description
DC 12V	Green	Steady on	The power supply is normal.
DC 12V	Green	Blinking	The power supply is in hiccup protection mode.
DC 12V	—	Off	The power output is abnormal.

Functions and Features

Protection	Behavior
Input overcurrent	Cannot resume automatically from this protection state
Input undervoltage	Resumes automatically
Output overvoltage	Resumes automatically
Output overcurrent	Resumes automatically
Output short-circuit	Resumes automatically
Overtemperature	Output stops above the threshold and resumes automatically when the temperature returns to normal

Version Mapping

Part number 02131664

Product	Product Model	First Supported Version
S5731I-L	S5731I-L8T2SN (98012422) S5731I-L8T2S2XN (98012423, -001) S5731I-L16T2S2XN (98012425, -001)	V600R024C00
S5735IE-S-V2	S5735IE-S8T4SNV2 (98013339)	V600R026C00
S5735I-H-V2	S5735I-H8T2XNV2 (98012687, 98012687-002)	V600R024C10
S5735I-S-V2	S5735IH8T4S2XN-V2 (98012185, -001)	V600R023C00
S5735I-S-V2	S5735IS16T2S4XN-V2 (98012427, -001)	V600R024C00
S5735I-S-V2	S5735I-S8T4SNV2 (98012086) S5735I-S8T4XNV2 (98012064)	V600R022C01
S5735I-S-V2	S5735I-S8T4SNV2 (98012086-001) S5735I-S8T4XNV2 (98012064-001)	V600R025C10

Part number 02131664-001 —Supportsall models listed above, plus:

Product	Product Model	First Supported Version
S5735I-H-V2	S5755I-H8T8XN (98013214-002) S5755I-H8T8XN-C (98013215-002)	V600R026C00
S5735I-S-V2	S5755I-S8T8XN (98013217-002)	V600R026C00

Installation Notes

- Connect the module output to the switch with a power cable terminated in 2PIN-I terminal blocks.
- Connect the input to the external power supply with a cable terminated in a 3-pin AC/DC power terminal block.
- A blinking DC 12V indicator means the module is in hiccup protection mode.

Source: CloudEngine S5700 Series Ethernet Switches Hardware Description (V600), Issue 13 (2026-09-30), chapter 7 “Independent Power”, sections 7.1 and 7.2. Compiled summary for reference only; this is not an official manufacturer document. Specifications and compatibility are subject to change; verify against current manufacturer documentation.