

Power Supply Module

Datasheet

PSM900-AC

900W AC Power Supply Module



Highlights

- Up to 900 watts output power
- Hot swappable
- 53.5 V DC output voltage
- Output over-voltage/under-voltage/short circuit/over-current protection
- ± 6 kV surge protection
- Suitable for SG6428XHP, SG6654XHP, S6500-24GP4XF, S6500-48GP6XF, S6500-24MPP4Y, S6500-48MPP6Y

Overview

The Power Supply Module PSM900-AC is an AC-input and DC-output power supply module. It can convert the input voltage to 53.5 Volts with a maximum output power of 900 Watts. The power supply module is fully hot-swappable, helping to ensure no system interruption during installation or replacement. The Power Supply Module is applicable to multiple Omada and Omada Pro switch models, such as SG6428XHP, SG6654XHP, S6500-24GP4XF, 6500-48GP6XF, S6500-24MPP4Y, and S6500-48MPP6Y.

Product Pictures



Specifications

Hardware Features & Performance		
Model		PSM900-AC
General	Power Input	100-120V (inclusive) ~ 50/60Hz, 12A (for low-voltage countries/regions*) 120 (exclusive)-240V ~ 50/60Hz, 10A (for other locations)
	Output Voltage	53.5VDC
	Output Current	16.5A (Maximum)
	Output Power	900W (Maximum)
	Altitude	Sea level to 3000 m
	Dimensions (W×D×H)	10.2×3.8×1.6 in (259.5×95.8×40.1 mm)
	Surge Protection	±6 kV
Physical & Environment	Operating Temperature	0°C to 45°C (32 to 113°F)
	Storage Temperature	-40°C to 70°C (-40°F to 158°F)
	Operating Humidity	10% to 90% RH non-condensing
	Storage Humidity	5% to 90% RH non-condensing

*Low-voltage countries/regions include Canada, Colombia, Costa Rica, Dominican Republic, Ecuador, El Salvador, Guatemala, Honduras, Japan, Mexico, Panama, Puerto Rico, Taiwan (China), and the United States.

Some models featured in this guide may be unavailable in your country or region. Visit the Omada by TP-Link website for local sales information: <https://www.omadanetworks.com>. Specifications are subject to change without notice.

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