

PWR-48V25A

AC 100-240V to DC 48V 2.5A 120W Power Supply Adapter



Outstanding Features

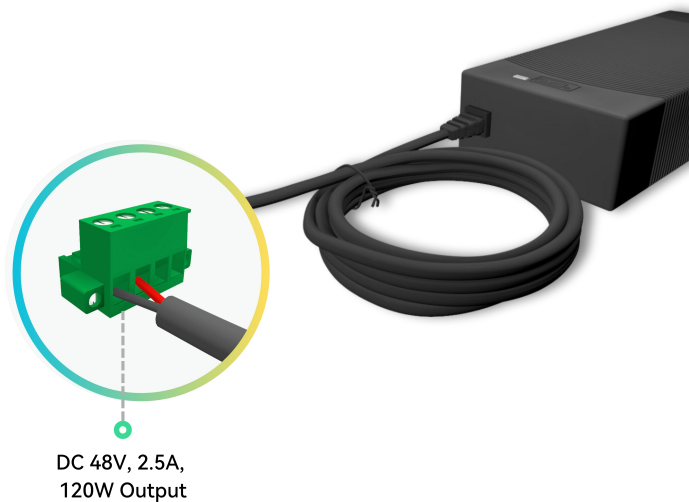
- Input: AC 100-240V 50/60Hz; Output: DC 48V 2.5A 120W.
- UL Listed power adapter, reliable and safe.
- DC output interface: The default is 4 pin 5.08mm terminals. You can also remove the terminals and connect them directly to the PoE Switch terminals with wires.
- 120W Power Supply Adapter for PoE Switches and PoE NVRs.
- Standard power supply for POE-SW508G2.

Interface



DC Output Interface

The default interface is 4 pin 5.08mm terminal. You can also remove the terminal and connect directly to the PoE Switch terminals with wires.



Specifications

Electrical Specifications

Input Voltage Range	100–240VAC
Input Frequency Range	50–60Hz
Max. Input Current	2.5A Max
No-load Power Consumption	≤ 0.21W
Inrush Current	30A Max. @110VAC/ 60Hz 60A Max. @230VAC/ 50Hz
Efficiency	Full Load: ≥ 85%, Average: ≥ 88%
Rated Output Voltage	48V DC
Rated Output Current	2.50A
Rated Output Power	120W
Ripple & Noise	≤ 300mVp-p
Turn-on Delay	< 2s
Hold-up Time	> 6ms
Rise Time	< 40ms

Protection Features

Over Voltage Protection	> 96.0V latch
Over Current Protection	2.8–4.5A, auto recovery
Short Circuit Protection	Auto recovery

Environmental Conditions

Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-20°C ~ 80°C (-4°F ~ 176°F)
Operating Humidity	20% ~ 90% RH
Storage Humidity	0% ~ 95% RH

Safety & EMC

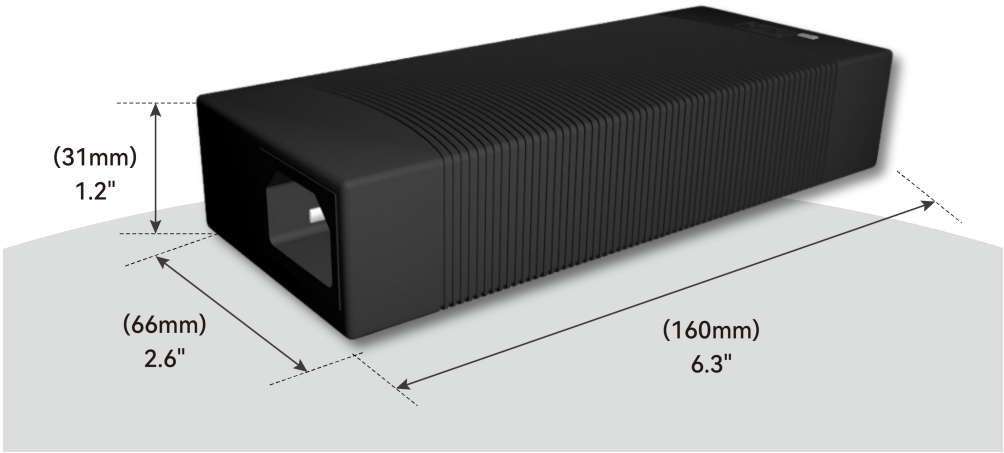
Withstand Voltage	1500VAC 5mA/ 60s 3000VAC 5mA/60s
Leakage Current	< 0.75mA
Insulation Resistance	> 30MΩ
EMC Compliance	FCC Part 15 Class B, EN55032 Class B, GB/T9254.1
Safety Approvals	CE, UL62368, EN61558, AS/NZS61558, UKCA

Reliability & Cooling

MTBF	50,000 hours
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Cooling Method	Natural convection
Mechanical Specifications	
Dimensions	160 × 66 × 31 mm (6.3 × 2.6 × 1.2 in)
Weight	385g
AC Input Connector	C14 inlet
DC Output Cable	20AWG, length 1500±50 mm (59.06 ± 1.97 in) , 2EDGKM-5.08-4P connector

Dimension



Package Contents

