



PS 90W Series

DATA SHEET

90W Switching Power Supplies

Features

- Industrial Temperature Rating
- High Power in Compact Size
- Desktop Model with removable AC power cord
- Short Circuit and Overcurrent Protection



Applications

- Wireless Access Points and Client Devices
- IP Phone and Security Camera Systems

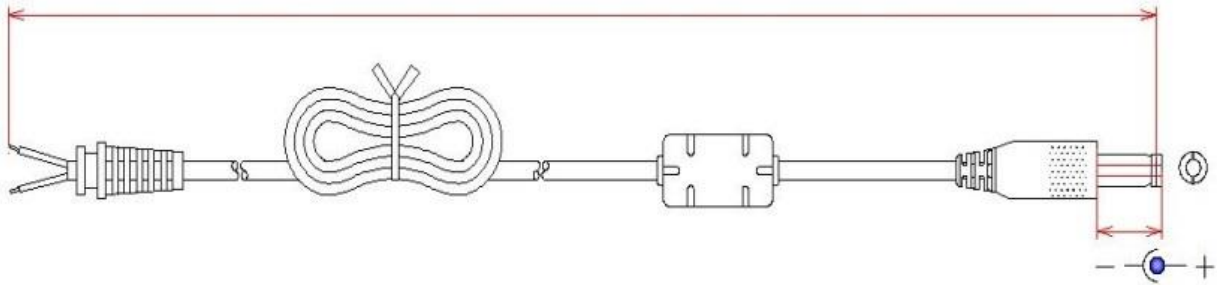
Description

The PS 90W Series low cost auto ranging switching power supplies come in a desktop model with removable 2 prong AC Power cord. They are available in a North American plug or European Plug models. They are designed to operate in outdoor environments inside a weatherproof enclosure. They are also an excellent choice for indoor DC power.

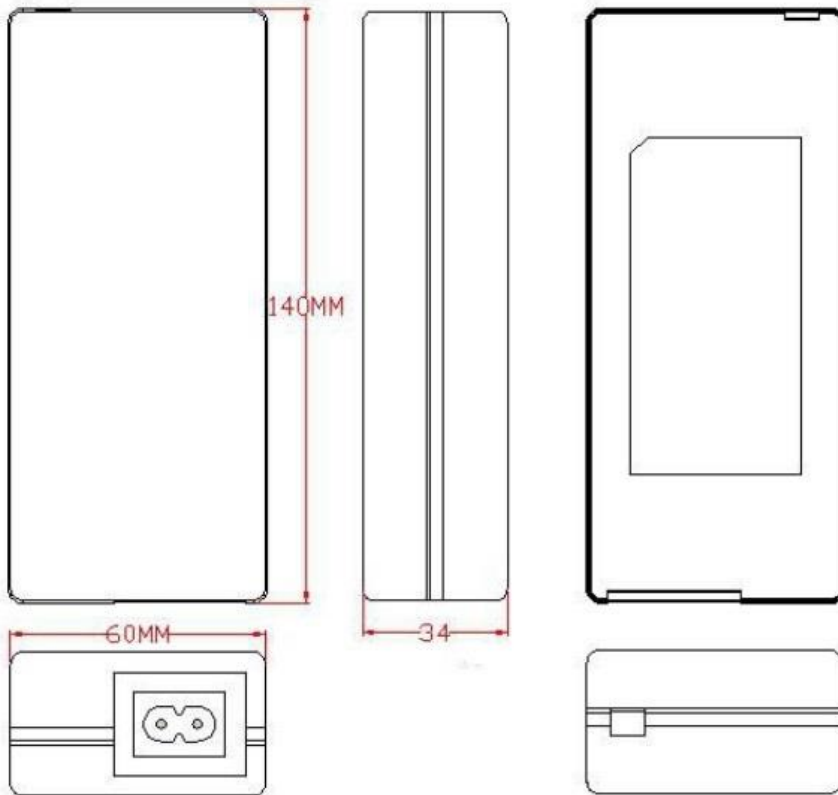
Supplies are certified for UL, CE & comply with RoHS requirements. They have a 5.5/2.1mm DC Barrel Connector with center positive at the end of a 1.2m (48") cable.

Specifications

	PS24V-3.75	PS36V-2.5	PS48V-1.9
Input Operating Range	90-264VAC 47/63Hz		
Maximum Power	90W		
Input In-rush Current	50A Max		
Input Current	1.5A Max		
Static Power Consumption	0.5W Max		
Line / Load Regulation	1% / 5%		
Output Voltage	24 VDC +/- 1V	36 VDC +/-0.5V	48 VDC +/-2.4V
Continuous Load Current	3.75 A	2.5 A	1.9 A
Ripple and Noise	240mVp-p Max	120mVp-p Max	350mVp-p Max
Efficiency	80% Minimum		
Dielectric Strength	3000V rms / 50Hz, 3 sec, 5mA Max		
Insulation Resistance	50MΩ min at 500VDC		
Protection	Short Circuit, Over-Current		
Operating Temp	-20°C to 60°C (-4°F to 140°F)		
Operating Humidity	90% non-condensing		
Storage Temp	-40°C to 80°C (-40°F to 176°F)		
DC Plug / Cable Length	5.5 x 2.1mm x 11mm DC Barrel / 1.2m (48")		
Case Size	140 x 60 x 34mm (5.5 x 2.4 x 1.3")		
Weight	435 g (15 oz)		
Certifications	UL, CE, FCC, RoHS		
MTBF	50,000 Hours Min		
Warranty	3 Years		



L=1.2M 18# DC 5.5*2.1



System Ordering:

- PS24V-3.75** 24V 3.75A Desktop Power Supply. 1.2M DC Cable. 5.5/2.1mm DC Plug, UL, CE & RoHS certification
- PS36V-2.5** 24V 2.5A Desktop Power Supply. 1.2M DC Cable. 5.5/2.1mm DC Plug, UL, CE & RoHS certification
- PS48V-1.9** 48V 1.9A Desktop Power Supply. 1.2M DC Cable. 5.5/2.1mm DC Plug, UL, CE & RoHS certification

For further information contact:

Tyconsystems.com



14641 S 800 W Ste A Bluffdale, UT 84065
PH: 801-432-0003 FAX: 801-618-4220