TYCON systems

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**
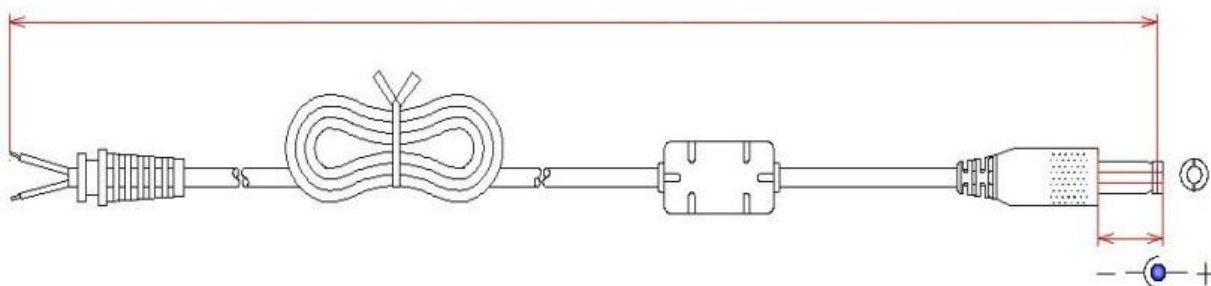- **IP Phone and Security Camera Systems**

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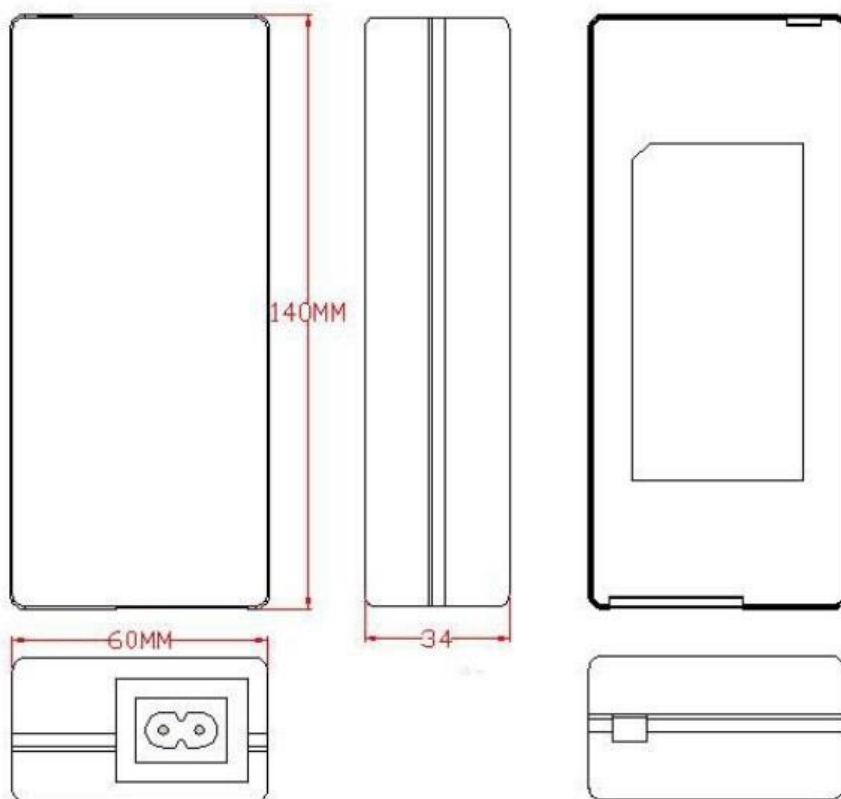Supplies are certified for UL, CE & comply with RoHS requirements. They have a 5.5/2.1mm DC Barrel Connector with center positive at the end of a 1.2m (48") cable.

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	1 Year		

L=1.2M 18# DC 5.5*2.1

140MM

60MM

34

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

RoHS compliant

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