



# 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

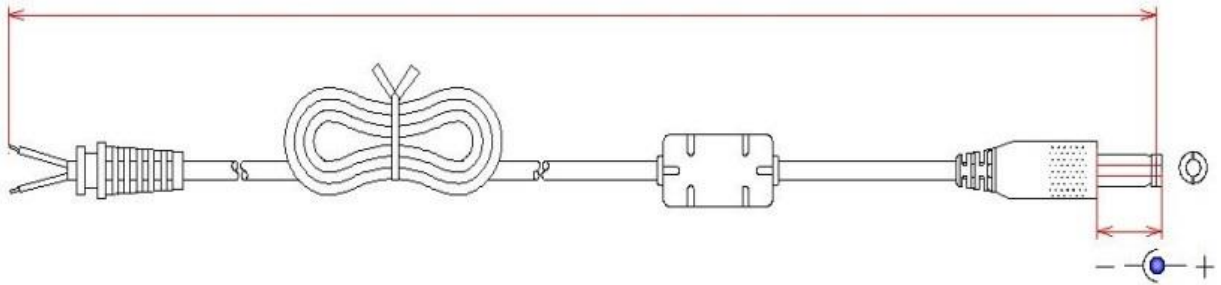
- Wireless Access Points and Client Devices
- IP Phone and Security Camera Systems

#### Description

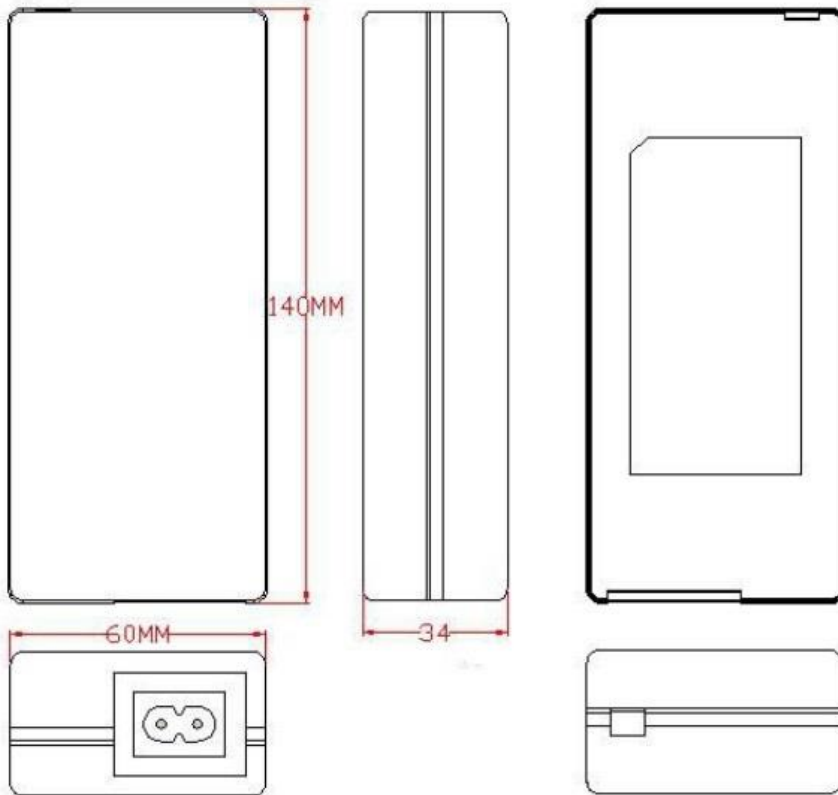
The PS 90W Series low cost auto ranging switching power supplies come in a desktop model with removable 2 prong AC Power cord. They are available in a North American plug or European Plug models. They are designed to operate in outdoor environments inside a weatherproof enclosure. They are also an excellent 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
<b>Input Operating Range</b>	90-264VAC 47/63Hz		
<b>Maximum Power</b>	90W		
<b>Input In-rush Current</b>	50A Max		
<b>Input Current</b>	1.5A Max		
<b>Static Power Consumption</b>	0.5W Max		
<b>Line / Load Regulation</b>	1% / 5%		
<b>Output Voltage</b>	24 VDC +/- 1V	36 VDC +/-0.5V	48 VDC +/-2.4V
<b>Continuous Load Current</b>	3.75 A	2.5 A	1.9 A
<b>Ripple and Noise</b>	240mVp-p Max	120mVp-p Max	350mVp-p Max
<b>Efficiency</b>	80% Minimum		
<b>Dielectric Strength</b>	3000V rms / 50Hz, 3 sec, 5mA Max		
<b>Insulation Resistance</b>	50MΩ min at 500VDC		
<b>Protection</b>	Short Circuit, Over-Current		
<b>Operating Temp</b>	-20°C to 60°C (-4°F to 140°F)		
<b>Operating Humidity</b>	90% non-condensing		
<b>Storage Temp</b>	-40°C to 80°C (-40°F to 176°F)		
<b>DC Plug / Cable Length</b>	5.5 x 2.1mm x 11mm DC Barrel / 1.2m (48")		
<b>Case Size</b>	140 x 60 x 34mm (5.5 x 2.4 x 1.3")		
<b>Weight</b>	435 g (15 oz )		
<b>Certifications</b>	UL, CE, FCC, RoHS		
<b>MTBF</b>	50,000 Hours Min		
<b>Warranty</b>	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

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