

Switching Power Supplies

Features

- High Power in Compact Size
- AC Connector Oriented for Better Plug Utilization
- Short Circuit and Overcurrent Protection



Applications

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

Description

The PS Series low cost auto ranging switching wall plug power supplies have up to 18W capacity. They are available in a North American plug or European Plug model.

The small size and unique AC plug orientation of the power supply takes up less room on a plug strip or wall socket because it only takes a single position. Supplies are certified by UL, CE & comply with RoHS requirements.

Specifications

	PS18V	PS24V	PS48V
Input Operating Range	100-264VAC 50/60Hz		
Maximum Input Power	18.5W	18.5W	18.5W
Input In-rush Current	30A Max	30A Max	30A Max
Input Current	0.4A Max	0.4A Max	0.4A Max
Static Power Consumption	0.5W Max	0.5W Max	0.5W Max
Output Voltage	18 VDC +/-0.9V	24 VDC +/-0.9V	48 VDC +/-0.9V
Continuous Load Current	0.8 A	0.5 A	0.375A
Ripple and Noise	150mV Max	150mV Max	150mV Max
Efficiency	78% Minimum	78% Minimum	78% Minimum
Dielectric Strength	3000V rms / 50Hz, 3 sec, 5mA Max	3000V rms / 50Hz, 3 sec, 5mA Max	3000V rms / 50Hz, 3 sec, 5mA Max
Insulation Resistance	10MΩ min at 500VDC	10MΩ min at 500VDC	10MΩ min at 500VDC
Protection	Short Circuit, Overshoot (10%), Over Temperature	Short Circuit, Overshoot (10%), Over Temperature	Short Circuit, Overshoot (10%), Over Temperature
Operating Temp	-10°C to 40°C (14°F to 104°F)	-10°C to 40°C (14°F to 104°F)	-10°C to 40°C (14°F to 104°F)
Operating Humidity	10% to 90% non- condensing	10% to 90% non- condensing	10% to 90% non- condensing
Storage Temp	-40°C to 80°C (-40°F to 176°F)	-40°C to 80°C (-40°F to 176°F)	-40°C to 80°C (-40°F to 176°F)
DC Plug / Cable Length	5.5 x 2.1mm / 1500mm (59")	5.5 x 2.1mm / 1500mm (59")	5.5 x 2.1mm / 1500mm (59")
Case Size	74.5 x 42 x 29.5mm (2.9 x 1.65 x 1.2")	74.5 x 42 x 29.5mm (2.9 x 1.65 x 1.2")	74.5 x 42 x 29.5mm (2.9 x 1.65 x 1.2")
Weight	86 g (3 oz)	86 g (3 oz)	86 g (3 oz)

Compact Size takes less room on plug strip



Notes:

- All shipments F.O.B. Draper, UT 84020
- Tycon Power Systems PS Power Supplies carry a 1 year

System Ordering:

- PS18V** 18V 0.8A Wallplug Power Supply. 1.2M DC Cable. 5.5/2.1mm DC Plug, UL, CE & RoHS certification
PS24V 24V 0.5A Wallplug Power Supply. 1.2M DC Cable. 5.5/2.1mm DC Plug, UL, CE & RoHS certification
PS48V 48V 0.375A WallplugPower Supply. 1.2M DC Cable. 5.5/2.1mm DC Plug, UL, CE & RoHS certification

**Add EU suffix for Euro Plug model*

For further information contact:

Tyconpower.com



693 Draper Heights Way Ste 102
Draper, UT 84020
PH: 801-750-3440
FAX: 801-618-4220