



# Product Datasheet

## EZ-PS18V Switching Power Supply

The EZ-PS18V are a series of low cost auto ranging switching wall plug 14.4W power supplies that output 18VDC at 0.8A. 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

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

#### Notes:

- All shipments F.O.B. Draper, UT 84020
- EZ-POE carries a 2 year warranty

#### System Ordering:

**EZ-PS18V-US** 18VDC 0.8A wall plug power supply with North American AC Plug  
**EZ-PS18V-EURO** 18VDC 0.8A wall plug power supply with European AC Plug

