

### Switching Power Supplies

#### Features

- High Power and rugged design
- High Efficiency Design > 85%
- Short Circuit , Over-Voltage, Over-current Protection
- Detachable AC power cord

#### Applications

- Wireless Base Stations
- IP Phone and Security Camera Systems
- Telecommunications



180W DIN Connector Model

#### Description

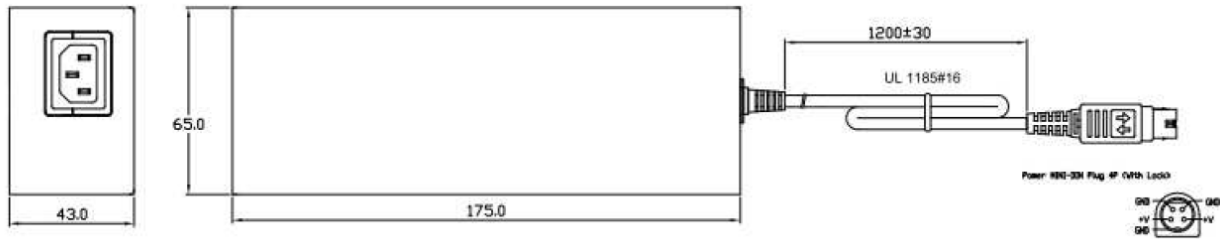
The PSHP Series high efficiency, auto ranging switching power supplies have an impressive capacity up to 180W. They are designed for long life operation with an MTBF exceeding 40,000 hours. The PSHP are available in a North American plug or European Plug models. Supplies have CE, FCC & comply with RoHS requirements. The Std versions come with a 5.5/2.1mm DC barrel Connector. The DIN versions come with a locking 4 Pin Mini Power DIN connector. The Pinout of the DIN Connector is as follows:



(Note: Mating 4P Mini Power DIN Connector CUI Inc. Model:PD-40)

#### Specifications

	PSHP-18-180	PSHP-24-180	PSHP-56-180	PSHP-18-180-DIN	PSHP-24-180-DIN	PSHP-56-180-DIN
<b>Input Operating Range</b>	90-264VAC 47-63Hz					
<b>Input In-rush Current</b>	60A Max					
<b>Input Current</b>	1.5A Max					
<b>Output Voltage</b>	18 VDC +/- 2%	24 VDC +/- 2%	56 VDC +/- 2%	18 VDC +/- 2%	24 VDC +/- 2%	56 VDC +/- 2%
<b>Continuous Load Current</b>	8.35 A	6.25 A	3.2A	8.35 A	6.25 A	3.2A
<b>Ripple / Noise</b>	1% / 5%					
<b>Efficiency</b>	85% Minimum					
<b>Dielectric Strength</b>	1800V rms / 50Hz, 1 sec, 10mA Max					
<b>Protection</b>	Short Circuit, Overshoot (10%), Over-Voltage (+4V), Over-Current (125%)					
<b>MTBF</b>	40,000 Hours					
<b>Safety Standards</b>	UL 60950-1, CUL 22.2 No.60950-1-03, TUV EN60950-1					
<b>EMI Standards</b>	FCC PART 15 CLASS B, EN55022 CLASS B, CISPR 22 CLASS B					
<b>Operating Temp</b>	-20°C to 50°C (-4°F to 122°F)					
<b>Operating Humidity</b>	5% to 90% non- condensing					
<b>Storage Temp</b>	-40°C to 85°C (-40°F to 185°F)					
<b>DC Plug / Cable Length</b>	5.5/2.1mm DC Plug / 1.2m (48")			4 Pin Mini Power DIN / 1.2m (48")		
<b>Case Size</b>	175 x 65 x 43mm (6.9 x 2.6 x 1.7")					
<b>Weight</b>	907 g (32 oz)					



## System Ordering:

**PSHP-18-180** 18V 180W Desktop Power Supply. 1.2m DC Cable with 5.5/2.1mm DC Plug, 1.2m AC power cord with North American 3 prong plug, CE, FCC & RoHS certification

**PSHP-24-180** 24V 180W Desktop Power Supply. 1.2m DC Cable with 5.5/2.1mm DC Plug, 1.2m AC power cord with North American 3 prong plug, CE, FCC & RoHS certification

**PSHP-56-180** 56V 180W Desktop Power Supply. 1.2m DC Cable with 5.5/2.1mm DC Plug, 1.2m AC power cord with North American 3 prong plug, CE, FCC & RoHS certification

**PSHP-18-180-DIN** 18V 180W Desktop Power Supply. 1.2m DC Cable with 4 Pin Mini DIN Power Connector, 1.2m AC power cord with North American 3 prong plug, CE, FCC & RoHS certification

**PSHP-24-180-DIN** 24V 180W Desktop Power Supply. 1.2m DC Cable with 4 Pin Mini DIN Power Connector, 1.2m AC power cord with North American 3 prong plug, CE, FCC & RoHS certification

**PSHP-56-180-DIN** 56V 180W Desktop Power Supply. 1.2m DC Cable with 4 Pin Mini DIN Power Connector, 1.2m AC power cord with North American 3 prong plug, CE, FCC & RoHS certification

*\*Add EU suffix for Euro Plug model*

## For further information contact:

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