

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

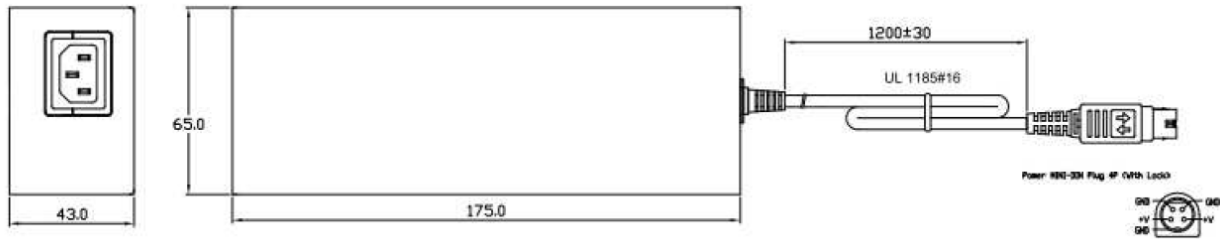
The PSHP Series high efficiency, auto ranging switching power supplies have an impressive capacity up to 180W. They are designed for long life operation with an MTBF exceeding 40,000 hours. The PSHP are available in a North American plug or European Plug models. Supplies have CE, FCC & comply with RoHS 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
Input Operating Range	90-264VAC 47-63Hz					
Input In-rush Current	60A Max					
Input Current	1.5A Max					
Output Voltage	18 VDC +/- 2%	24 VDC +/- 2%	56 VDC +/- 2%	18 VDC +/- 2%	24 VDC +/- 2%	56 VDC +/- 2%
Continuous Load Current	8.35 A	6.25 A	3.2A	8.35 A	6.25 A	3.2A
Ripple / Noise	1% / 5%					
Efficiency	85% Minimum					
Dielectric Strength	1800V rms / 50Hz, 1 sec, 10mA Max					
Protection	Short Circuit, Overshoot (10%), Over-Voltage (+4V), Over-Current (125%)					
MTBF	40,000 Hours					
Safety Standards	UL 60950-1, CUL 22.2 No.60950-1-03, TUV EN60950-1					
EMI Standards	FCC PART 15 CLASS B, EN55022 CLASS B, CISPR 22 CLASS B					
Operating Temp	-20°C to 50°C (-4°F to 122°F)					
Operating Humidity	5% to 90% non- condensing					
Storage Temp	-40°C to 85°C (-40°F to 185°F)					
DC Plug / Cable Length	5.5/2.1mm DC Plug / 1.2m (48")			4 Pin Mini Power DIN / 1.2m (48")		
Case Size	175 x 65 x 43mm (6.9 x 2.6 x 1.7")					
Weight	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*

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