



## 72~75 Watt Universal 3-Wire Input Adapter

PSC75U Adapter Series Meets EISA and ENERGY STAR Requirements



### Features

- Class B EMI
- ENERGY STAR EPS2.0 Compliance
- Over-Current Protection
- Non-vented/Spill-proof Case
- Over-Voltage Protection
- Short-Circuit Protection

### Applications

- Networking
- Security Equipment

### Safety Approvals

- cUL/UL 60950-1
- CE
- IEC 60950-1

### Mechanical Characteristics

- Length: 150.5mm (5.93 in)
- Width: 70.5mm (2.78 in)
- Height: 39mm (1.54 in)
- Weight: 475g (16.76oz.)

### Output Specifications

Model	DC Output Voltage	Load		Ripple (1) P-P (max.)	Regulation		Efficiency Level
		Min.	Max.		Line	Load	
PSC75U-480	+48VDC	0A	1.50A	480mVp-p	±5%		V
PSC75U-560	+56VDC	0A	1.34A	560mVp-p	±5%		V

(1) Measured with using 12-inch twisted pair terminated with a 10uF capacitor and 0.1uF ceramic in parallel.

Phihong reserves the right to make changes without further notice. Please consult Phihong USA and visit [www.phihong.com](http://www.phihong.com) for the most up-to-date specifications.

**INPUT:**

**AC Input Voltage Rating**  
100 to 240VAC

**AC Input Voltage Range**  
90 to 264VAC

**AC Input Frequency**  
47 to 63Hz

**Input Current**  
1.5A (rms) max. @ 120VAC  
0.75A (rms) max. @ 240VAC

**Leakage Current**  
3.5mA Max. @ 264VAC/60Hz

**Inrush Current (cold)**  
30A for 120VAC at max. load  
60A for 240VAC at max. load  
(Cold start @ ambient 25°C)

**Input Power Saving**  
≤0.5W maximum

**OUTPUT:**

**Efficiency**  
87% minimum average efficiency

**Hold-up Time**  
8mS Min. @ 120VAC and Max. load

**Over-voltage Protection**  
125% maximum

**Over-current Protection**  
Output equipped with short circuit protection – auto restart

**Short Circuit Protection**  
Output can be shorted without damage

**ENVIRONMENTAL:**

**Temperature**  
Operation 0 to +40°C  
Non-operation -40 to +85°C

**Humidity**  
Operation 20% to 90% R.H.

**Emissions**  
FCC Class B  
EN55022 Class B

**Dielectric Withstand (Hi-pot) Test**  
Primary to Secondary: 1500VAC for 1 minute, 10mA

**DC Output Connector**  
2.1x5.5mm Center Positive Standard

**Dimension Diagram Unit: mm**

