



18 Watt Universal 3-Wire Input Adapter PSC18U-480(P) Adapter Meets CEC and EISA Requirements



Features

- Low Cost
- Efficiency Level IV Compliance
- Class B EMI
- Non-vented/Spill-proof Case
- Low Profile Design

Applications

- VoIP / IP Phones
- Videoconferencing Systems

Safety Approvals

- cUL/UL60950-1
- CE
- TUV EN60950-1

Mechanical Characteristics

- Length: 103mm (4.06in)
- Width: 49mm (1.93in)
- Height: 33.5mm (1.32in)
- Weight: 165.2g (5.27oz.)

Output Specifications

Model	DC Output Voltage	Load		Ripple (1) P-P (max.)	Regulation		Efficiency Level
		Min.	Max.		Line	Load	
PSC18U-480(P)	+48V	0A	0.38A	400mV	±5%		IV

(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 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
0.5A (rms) max. @ 115VAC
0.25A (rms) max. @ 230VAC

Leakage Current
0.25mA max. @ 230VAC 50hz.

Inrush Current (cold start @ ambient 25°C)
20A for 115VAC at max. load
40A for 230VAC at max. load

Input Power Saving
0.5W maximum at no load

OUTPUT:

Efficiency
≥ 76% average efficiency

Hold-up Time
10mS Min. @ 100VAC

Over-Voltage Protection
< 72V

Over-Current 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

Relative Humidity
Operation 5 to 90% Non-Condensing
Non-operation 5 to 90% Non-Condensing

Emissions
FCC Class B
EN55022 Class B / CISPR22 Class B

Immunity
EN 50082-1: (EN55024)
EN 61000-4-2, Level 4
EN 61000-4-3, Level 3
EN 61000-4-4, Level 3
EN 61000-4-5, Level 3
EN 61000-4-6, Level 3
EN 61000-4-11
EN 61000-3-2 (A1+A2+A14): Harmonics
GB 17625:1-1998
EN 61000-3-3: Flicker

Dielectric Withstand (Hi-pot) Test
Primary to Secondary: 3000VAC for 1 minute, 10mA

DC Output Connector
2.1mm x 5.5mm center positive standard

Dimension Diagram Unit: mm

