



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



Features

- Low Cost
- Efficiency Level V Compliance
- Meets Ecodesign ErP Directive 2009/125/EC level 2 annex 1b
- Non-vented/Spill-proof Case
- Low Profile design
- Class B EMI

Applications

- VoIP/ IP Phones
- Videoconferencing Systems

Safety Approvals

- cUL/UL
- CE
- TUV

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 Line & Load	Efficiency Level
		Min.	Max.			
PSC18U-480(P)-R	+48V	0A	0.38A	400mV	±5%	V

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

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Input:

AC Input Voltage Rating
100 to 240 V AC

AC Input Voltage Range
90 to 264V AC

AC Input Frequency
47 to 63Hz

Input Current
0.5A (RMS) maximum at 115V AC
0.25A (RMS) maximum at 230V AC

Leakage Current
0.25mA maximum at 230V AC and 50Hz

Inrush Current
20A for 115V AC at maximum load
40A for 230V AC at maximum load
(Cold start at ambient 25°C)

Input Power Saving
0.5W maximum at no load

Output:
Efficiency
≥80% efficiency meets Level V

Hold-up Time
10mS minimum at 100V AC

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%

Emissions

FCC Class B
EN55022 Class B/CISPR22 Class B

Immunity

EN50082-1: (EN55024)
EN61000-4-2 Level 4
EN61000-4-3 Level 3
EN61000-4-4 Level 3
EN61000-4-5 Level 3
EN61000-4-6 Level 3
EN61000-4-11
EN61000-3-2 (A1+A2+A14): Harmonics
GB17625: 1-1998
EN61000-3-3: Flicker

Dielectric Withstand (Hi-pot) Test

Primary to Secondary: 3000V AC for 1 minute,
10mA

DC Output Connector

2.1mm x 5.5mm center positive standard

Dimension Diagram Unit: mm

