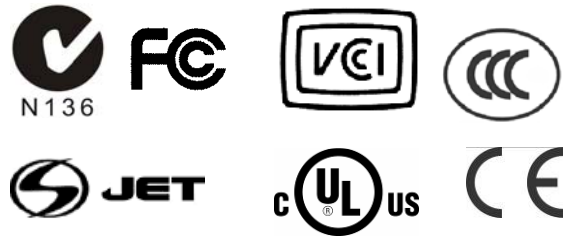




## Single Port 15.4W Power over Ethernet Adapter PSA16U-480



### Features

- Compliant with Isolation and Channel Characteristics of IEEE802.3af
- DC Good LED
- Lowest Cost Power Injector
- Data and Power carried over one Ethernet Cable
- Non-Vented Case
- Full Protection- OCP, OVP

### Applications

- IP Telephones
- Wireless Network Access Points
- Blue Tooth Access Points
- Security Cameras
- IP Print Servers

### Safety Approvals

- cUL/UL
- CE
- C-Tick
- FCC
- SAA
- CCC
- VCCI
- S-Jet

### Mechanical Characteristics

- Length: 140mm (5.51in)
- Width: 65mm (2.55in)
- Height: 36mm (1.42in)
- Weight: 0.2Kg (0.44lb.)

### Output Specifications

Model <sup>(1)</sup>	DC Output Voltage	Load		Regulation	
		Min.	Maximum	Line	Load
PSA16U-480	48V	0A	0.32A	±4%	

Note (1): Model available only in special order quantities only. Minimum order is 1000 pieces.

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**INPUT:****AC Input Voltage Range**

90 to 264VAC

**AC Input Voltage Rating**

100 to 240VAC

**AC Input Current**

0.5A (RMS) maximum for 90VAC

0.35A (RMS) maximum for 240VAC

**Leakage Current**

0.25mA maximum @ 254VAC 60Hz

**AC Input Frequency**

47-63Hz

**AC Inrush Current**

15A (RMS) maximum for 115VAC

20A (RMS) maximum for 230VAC

**OUTPUT:****Total Output Power**

15.4W

**Ripple and Regulation**

100mV maximum

**Efficiency**

65% (typical) at maximum load, and 120VAC 60Hz

**Hold-up Time**

16mS min. 120VAC and maximum load

**Transient O/P Voltage Protection**

60V maximum at switch on and off at any AC line Phase

**ENVIRONMENTAL:****Temperature**

Operation 0 to +40°C

Non-operation -25 to +65°C

**Humidity**

Operation 5 to 90%

**EMC**

FCC Part 15 Class B

EN55022 Class B

**Isolation Test**

Primary to Secondary: 3000VAC for 1 minute 10mA

Primary to Field Ground: 1500VAC for 1 minute

Output to Field Ground: 1500VAC

**Immunity EN50082-1**

ESD: EN61000-4-2. Level 3

RS: EN61000-4-3. Level 2

EFT: EN61000-4-4. Level 2

Surge: EN61000-4-5. Level 3

CS: EN61000-4-6. Level 2

Voltage Dips EN61000-4-11

Harmonic: EN61000-3-2

**Insulation Resistance**

Primary to Secondary: &gt;10M OHM 500VDC

Primary to Field Ground: &gt;10M OHM 500VDC

**FEATURE:****Over Voltage/Current, Short Circuit Protection**

The output can be shorted permanently without damage

**Indicators**

Green LED: Power detected "ON"

**Input Connector**

IEC320 inlet 3 pin

**Data Connector**

RJ45 +48V pins4&amp;5, Power Return pins7&amp;8

**Dimension Diagram Unit: mm (inch)**