



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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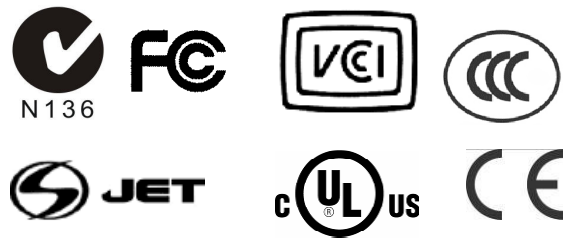
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## Single Port 15.4W Power over Ethernet Adapter PSA16U-480



### 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	DC Output Voltage	Load		Regulation	
		Min.	Maximum	Line	Load
PSA16U-480	48V	0A	0.32A	±4%	

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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: >10M OHM 500VDC  
Primary to Field Ground: >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&5, Power Return pins7&8

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

