











Applications

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



Features

-  Fully Compliant with IEEE802.3af
-  Diagnostic LEDs
-  Non-Vented Case
-  Legacy Detection (Optional)
-  IOL Test Report
-  Full Protection OTP, OCP, OVP
-  Data and Power carried over Ethernet Cable
-  AC Disconnect (Optional)

Output Specifications

Model	DC Output Voltage	Load		Regulation	
		Min.	Max.	Line	Load
PSA16U-480(POE)	48V	0A	0.35A	±4%	

Safety Approvals

-  TÜV, CE, CCC, FCC, cUL, UL

Mechanical Characteristics

PSA-16U-480-XX Characteristics

FEATURES

Over Voltage, over Current, Short Circuit Protection
Outputs equipped with short circuit protection and overload protection as per 802.3af specification. The output can be shorted permanently without damage

Indicators
Led #1 indicator for input power "on" GREEN
Led #2 Indicator for fault -RED
Led #3 Indicator that Detected and Connected to valid IEEE802.3af load-GREEN

Input Connector
IEC320 inlet 3 pin

INPUT

AC Input Voltage Range
90 to 264VAC

AC Input Voltage Rating
100 to 240VAC

AC Input Current
0.5A(RMS) max. for 90VAC
0.35A(RMS) max. for 240VAC

Leakage Current
0.25mA max. @ 254VAC 60Hz

AC Input Frequency
47-63Hz

AC Inrush Current
15A(RMS) max. for 115VAC
20A(RMS) max. For 230VAC

OUTPUT

Total Output Power
15.4W

Efficiency
65% (typical) at Max. load, and 120VAC 60Hz

Hold-up Time
min. 16mS at 120VAC and max. load

Transient O/P Voltage Protection
60V max. at switch on and off at any AC line Phase

ENVIRONMENTAL

Temperature
Operation 0 to +40°C
Non-operation -25 to +65°

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 F.G.: 1500VAC for 1 minute
Output to F.G.: 1500VAC

Immunity
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 FC: >10M OHM 500VDC

Dimension Diagram Unit: mm (inch)

