**PSE-Series** 

Single Port Injector 15.4Watt Power over Ethernet

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# **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	
PSA16U-480(POE)	48V	Min.	Max.	Line	Load
		0A	0.35A	±4%	

# **Safety Approvals**

TÜV, CE, CCC, FCC, cUL, UL





## **Mechanical Characteristics**

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

### **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

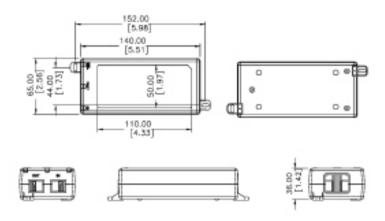
ESD: EN61000-4-2 Level 3
RS: EN61000-4-3 Level 2
EFT: EN61000-4-4 Level 2
Surge: EN61000-4-5 Level 3
CS: EN61000-4-6 Level 2

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)**



### **Get-power GmbH**

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# Homepage & Onlineshop:

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