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DC-DC Power over Ethernet Splitter POE14 Fully Compliant IEEE802.3af PD Power Supply

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UNH IOL Test Report Available

Full Protection OTP, OCP, OVP

InterOperability Laboratory

CE

Features

- Fully Compliant IEEE802.3af DC Power Supply
- DC Good LED
- Non-Vented Case

Applications

- IP Telephones
- Wireless Network Access Points
- Blue Tooth Access Points

Safety Approvals

• CE

Mechanical Characteristics

- Length: 100mm (3.94in)
- Width: 56mm (2.2in)

• Security Cameras

Gigabit Compatible

1 Year Warranty

- IP Print Servers
- Height: 28mm (1.1in)
- Weight: 0.2Kg (7.05oz)

Output Specifications

Model	DC Output Voltage	Output Current
POE14-033	3.3V	3.00A
POE14-050	5V	2.20A
POE14-120	12V	1.17A

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POE14 Characteristics

INPUT: Input Voltage Range

36 to 56V DC; Receives power from either data or spare pairs

Input Current 0.6A (DC) 36 V DC at maximum load

Inrush Current 0.4A maximum

OUTPUT:

Regulation Line and Load ±5%

Ripple 12V model 120mVp-p 5 & 3.3V models 75mVp-p

Efficiency

72% (typical) at maximum load and 48V DC

Output Power

Limit
8.25W at 36-57V DC
12.5W at 36-57V DC
12W at 36-55V DC
14W at 55-57V DC

ENVIRONMENTAL:

Temperature

Operation Non-Operation

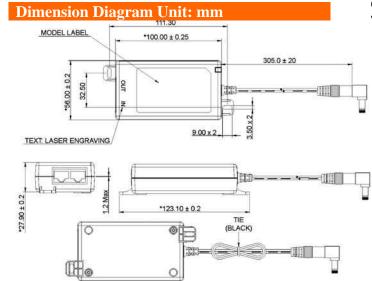
Humidity

Operation

5 to 90%

0 to $+40^{\circ}$ C

-25 to +65°C



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Immunity

ESD:EN61000-4-2Level 3RS:EN61000-4-3Level 2EFT:EN61000-4-4Level 2Surge:EN61000-4-5Level 3CS:EN61000-4-6Level 2Voltage Dips:EN61000-4-11Harmonic:EN61000-3-2Note: CS, Surge, Harmonics and Dips tested with
POE20U

EMC

EN55022 Class A

Dielectric withstand (HI-POT) Test 1500V AC for 1 minute, 10mA

Insulation Resistance Primary to secondary: >10M Ohm 500V DC

FEATURES

Short Circuit Protection Output can be shorted permanently without damage

Over Voltage Protection By Zener clamping

Indicators Green LED – Output Good

Input and Output Data Connector RJ45

Warranty

1 Year

Output Connector

Center Positive Barrel 9mm x 2.5mm x 5.5mm Tip is user changeable for other sizes

