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30W Power Over Ethernet Adapter High Power single port injector.







Features

- Fully Compliant detection, disconnect and voltage control IEEE802.3af
- Diagnostic LEDs
- Non-Vented Case

Applications

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

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UNH IOL Tested

- Full Protection OCP, OVP
- Gigabit Compatible
- Security Camera
- IP Print Servers

- _____
- Safety Approvals
 - cUL/UL
 - CE

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	
POE30U-560(G)	56V	Min.	Max.	Line	Load
		0A	0.55A	54-57Vdc under all conditions	

Ripple And Noise*	Vp-p*
<500Hz	0.5
500Hz-150KHz	0.15
150KHz-500KHz	0.15
500KHz-1MHz	0.1

*As per IEEE802.3af Table 33-5.

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POE30U Characteristics

INPUT: AC Input Voltage Range 90 to 264VAC

AC Input Voltage Rating 100 to 240VAC,47-63Hz

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

Leakage Current 0.25mA max. @ 254VAC 60Hz

AC Inrush Current

15A(RMS) max. for 115VAC 20A(RMS) max. for 230VAC

OUTPUT: Total Output Power

30W

DC Offset No Data degradatio with DC imbalance 18mA

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

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

Transient O/P Voltage Protection 60V max.

ENVIRONMENTAL:

Temperature Operation Non-operation

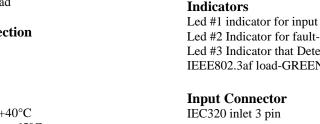
0 to $+40^{\circ}$ C -25 to +65°C

Humidity

Operation

5 to 90%

Dimension Diagram Unit: mm (inch)



Output Connection

+pins 3,6

152.00 [5.98] 140.00 [5.51] @ HO O 0 86 ĞШ 0 0 O 110.00 [4.33]

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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

FEATURE:

Over Voltage/Current, Short Circuit Protection

Outputs equipped with short circuit protection and overload protection as per 802.3af specification except max average current is 0.55A, Peak 0.6A 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

- pins 1,2