



150W Modular Power-Over-Ethernet Chassis



*Modules sold separately

Features

- 10/100/1000M capabilities on all ports
- Supports up to 1 module:
- [POE120-2BT-R](#):
 - 2 Ports
 - 75W per port
- [POE120-4AT-R](#):
 - 4 Ports
 - 30W per port
- [POE120-8AF-R](#):
 - 8 Ports
 - 16W per port
- OVP, OCP, short-circuit protection



Applications

- Telecommunications
- Laboratory Equipment

Safety Approvals

- UL 60950-1
- IEC/EN 60950-1:(2001)
- CSA C22.2 No. 60950-1
- CE

Mechanical Characteristics

- Length: 304.8mm (12in)
- Height: 44.55mm (1.75in)
- Width: 260mm (10.24in)
- Weight: 3.8Kg (8.5lbs)

Output Specifications

| Model | # of slots | DC Output Voltage | Load | | Line & Load Regulation | Ripple & Noise ¹ Vp-p | Output Power |
|----------------|------------|-------------------|------|-------|------------------------|----------------------------------|--------------|
| | | | Min. | Max. | | | |
| POE150U-8(L)-R | 1 | 55-57VDC | 0A | 2.67A | ±3% | 250mV | 150W |

Notes: 1. Measured with by-pass capacitors 0.1uF/10uF at output connector terminal and oscilloscope set at 20Mhz (tested by oscilloscope)

INPUT:**AC Input Voltage Rating**

100VAC-240VAC

AC Input Voltage Range

90VAC-264VAC

AC Input Current

2.5A(RMS) 90VAC at max. load

1.3A(RMS) 240VAC at max. load

AC Input Frequency

47Hz to 63Hz

Max. In-rush Current

30A for 115VAC at max. load

(25°C cold start up)

Leakage Current

<3.5mA max for 264VAC/60Hz

Efficiency

75% (typical) at max load, 120VAC 60Hz

ENVIRONMENTAL:**Temperature**

Operating 0 to +40°C

Non-operating -25 to +65°C

Humidity 5 to 90%

EMI

Complies with EN55032, Class B

Immunity

ESD: IEC61000-4-2. Level 3

RS: IEC61000-4-3. Level 2

EFT: IEC61000-4-4. Level 2

Surge: IEC61000-4-5. Level 3

CS: IEC61000-4-6. Level 2

Voltage Dips IEC61000-4-11

Harmonic IEC61000-3-2 Class A

HI-POT test

Primary to Secondary:4242 VDC for 1min, 10mA

Primary to Chassis:2121 VDC for 1min, 10mA

Insulation Resistance

Primary to Secondary:>10M OHM 500VDC

Primary to FC: >10M OHM 500VDC

Over-Current Protection

5A max

Short Circuit Protection

The output can be shorted permanently without damage

Input Connection

AC in – IEC320 inlet 3 pin

