

48VDC External Power Adapter

Part Number: 1200048



KEY FEATURES AND BENEFITS

- Supports up to 120W
- Includes Bare Wire leads for direct connection to RocketLinx switches
- 48VDC External Power Supply supports 100V or 230VAC
- Includes US and EU AC power cords

PRODUCT DESCRIPTION

This 48VDC External Power Supply adapter supports up to 120W meeting the high power demands of the RocketLinx managed PoE Ethernet Switches. It includes bare wire leads for direct connection to the power terminal blocks of the

RocketLinx switches. It is a universal 48v power supply that supports 110V or 230VAC and includes both US and EU AC power cords. Bare Wires (48VDC, 120W, 2-Wire).

POWER SUPPLY KIT SPECIFICATIONS

HARDWARE

Enclosure
UL94V0 Compliant High Impact Plastic Housing

Installation Method
Panel Mountable

LED Indicators
Output Voltage Status – Blue LED

Dimensions
6.8" x 2.9" x 1.5"
17.27 x 7.37 x 3.81 cm

Product Weight
1.50 lbs
0.68 m

INPUT SPECIFICATIONS

Connector Type
IEC320-C14 (Built into housing)
AC Power Inlet with 3 Prongs

AC Voltage Range
90 – 264VAC – Universal

Frequency Range
47 – 63Hz

Power Factor (PF Typ.)
< or = 0.95 / 230VAC @ Full Load

Efficiency (Typ.)
< or = 85%
EISA Compliant
Energy Star Tier 2 Compliant (North America)
CECP Tier 2 Compliant (China)
MEPS Tier 2 Compliant (Australia)

OUTPUT SPECIFICATIONS

Connector Type
Bare Wires

DC Voltage
48VDC

Rated Current
2.5A

Current Range
0 – 2.5A

Rated Power
120W

Voltage Tolerance
±1%

Ripple and Noise (Max.)
±1%

DC Output Indicator LED
Yes

PROTECTION SPECIFICATIONS

Short Circuit/Overload
Overload Protection Type
Constant Current Limiting
Recovers automatically after fault condition is removed

Over Voltage
Over Voltage Protection Type
Shutdown output voltage, re-power on to recover

Input Fusing Protection
4

Dielectric Withstand Voltage Primary-Secondary
Withstand Voltage
4242 VDC

ENVIRONMENTAL SPECIFICATIONS

Air Temperature
System On 0 to 40°C
System Off -40 to 80°C

Operating Humidity (non-condensing)
0% to 95%

MTBF (Mean Time Between Failures)
22.83 Years

Waranty
3 Years



Warranty Information
Control offers a 30-day satisfaction guarantee and 3-year limited warranty.

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