



# Wall Mount Power Supply

## -48 Volt Power Source for TrangoLINK Apex-Plus™ Licensed Microwave Backhaul System

AC TO DC SWITCHING POWER SUPPLY

### Highlights

- Economy Wall Mount, 80 Watt -48VDC power supply
- High Efficiency, Typical 89%
- UL,cUL,TUV, and CE Approved
- Over Current, Over Voltage Protection

### Description

The PSUPPLY-WM-48 is an economy AC to DC Switching Power Supply designed specifically for the ApexPlus all outdoor microwave radio. The compact wall mountable design is perfect for use in network closets and does not consume any rack space.

### Applications

- Wall Mount Power Supply for Trango ApexPlus radios
- Source for other Telco equipment requiring -48VDC

### Specifications

Model Number	PSUPPLY-WM-48-L
Input Voltage Range	90 - 264 VAC
Inrush Current	50A @ 230 VAC
Output Voltage	-48VDC +/- 1%
Output Current	1.66A Maximum
Efficiency	89% typical
OverCurrent Protection	1.74 Amps, Auto Recover
OverVoltage Protection	-64.8 V
Short Circuit Protection	Continuous, Auto-recover

### Environmental

Operating Temperature	0 to +40deg C @ 1.66A, +60deg C @ 1.16A
Storage Temp	-20 to +85deg C, 20%-95% RH non-condensing
Operating Humidity	20% to 90 % RH non-condensing

### Safety and EMC/EMI

Safety Standards	UL60950-1, EN60950-1
EMC/EMI Standards	FCC Class B EN55022 Class B
RoHS Compliance	Yes

### Reliability

MTBF	> 250,000 Hrs per MIL-HBK-217F at 30 deg C
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### Mechanical

Size	2.26 x 7.285 x 4.72 inches (5.74 x 18.50 x 11.99 cm)
Weight	1.5 lbs/0.68 kg
Input Connector	Three terminal NA Type B style
Input Cable length	6 ft
Output	2 position Terminal Block
Mounting	4 x 0.190 diameter holes



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