

Wall Mount PoE Power Supply

-48 Volt Power Supply Plus Power-Over-Ethernet Injector

AC TO DC SWITCHING POWER SUPPLY / POWER-OVER-ETHERNET INJECTOR

HIGHLIGHTS

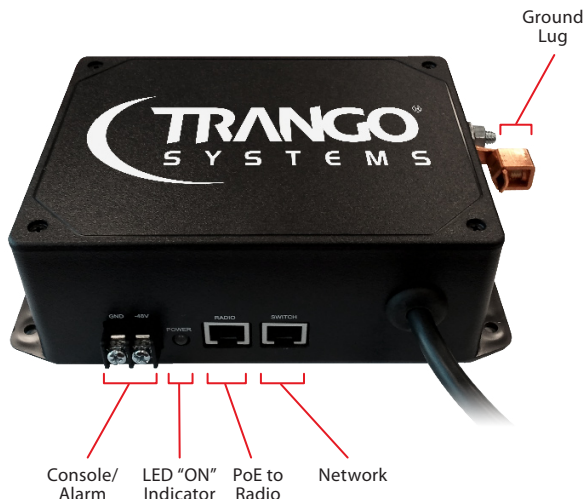
- Wall Mount, 80 Watt -48VDC power supply plus Power-over-Ethernet Injector
- UL, cUL, TUV, and CE Approved
- Over Current, Over Voltage Protection
- LED indicator

DESCRIPTION

The PSUPPLY-WP-48-L is an AC to DC Switching Power Supply and GigE Power-over-Ethernet Injector designed specifically for the TrangoLINK Apex™ family of all-outdoor microwave radios. The compact wall mountable design is perfect for use in network closets and does not consume any rack space.

APPLICATIONS

- Compatible with TrangoLINK ApexPlus™, TrangoLINK Apex Orion™ and Trango StrataLink 24™.
- Source for other equipment requiring -48VDC



Specifications

Model Number	PSUPPLY-WP-48-L
Input Voltage Range	90 - 264 VAC
Inrush Current	50A @ 230 VAC
Output Voltage	-48VDC +/- 5%
Output Current	1.66A Maximum
Efficiency	89% typical
OverVoltage Protection	-100 V
Short Circuit Protection	Continuous, Auto-recover
Maximum Current	1.5 A (continuous for Radio and Switch ports)
Internal Fuse for Over Current	3.5 A

Radio Port

Ethernet Support	10/100/1000 BaseT
PoE Voltage Pins	-48 Vdc on all 8 pins
PoE Ground Return	Cable shield (must use STP)

Environmental

Operating Temperature	0° to +40° C @ 1.66A, +60° C @ 1.16A
Storage Temp	-20° to +85° 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° 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	Two terminal NA Type B style
Input Cable length	3 ft
Output	2 position Terminal Block
Mounting	4 x 0.190 diameter holes

