



PASSIVE & IEEE 802.3AT/AF PORTABLE POE INJECTOR

ABOUT PRO^XEET

Our mission is to empower Internet Service Providers (ISPs) and other companies worldwide by providing cutting-edge network equipment and software solutions that enhance their operational efficiency, reliability, and customer satisfaction. Our goal is to be the trusted partner of ISPs, enabling them to deliver high-performance internet services and shape the future of connectivity. Together, we strive to create a seamless and connected world for businesses and individuals alike.

2 SOFTWARES

3 GRANTED PATENTS

10+ DEVICES

**OUR
VALUES**

**INNOVATION
SCALABILITY
RELIABILITY
SUSTAINABILITY
CUSTOMER-CENTRIC
APPROACH**

USE CASES



INTERNET SERVICE PROVIDERS



NETWORK MAINTENANCE



EVENT MANAGEMENT

SUPPORTED BATTERIES



Makita 18v LXT 4.0Ah



DeWalt 20v DCB200



BOSCH 18v ProCore 4.0Ah



Milwaukee 18v M18 5.0Ah



BOSCH 18v ProCore 8.0Ah



Parkside 20v X20vTeam

*Power battery not included. ** Choose injector compatible with your electrical tool battery type.

TECHNICAL SPECIFICATIONS

PoE output	26v & 50v DC (up to 25 watt). Passive, 802.3at & 802.3af PoE. Positive 4,5 pair, negative 7,8 pair	
Powe input	14-20v DC up to 3.5A	
Battery type	Li-ion, Li-Po, LiFePo4 batteries completable with battery port (depends from the model)	
Supported batteries	Power tools batteries manufactured or compatible with BOSCH 18v ProCore, Makita 18v LXT, Milwaukee 18v M18, DeWalt 18v XR, Parkside 20v X20V Team * *Batteries to be purchased separately.	
Wired network interface	PoE port 100/1000BASE-TX with PoE	LAN port 100/1000BASE-TX data only
LED indicators	Green normal operation Red (blinking) Powered Device is not connected; not supported or faulty; the automatic shutdown timer is active	
Comptability	Any devices supporting passive and active PoE in the voltage range of 24-30 & 36-50 volts respectively with transmission of power and data through pairs of 4,5 pos-itive and 7,8 (negative). The PoE injector provides transparent transmission of Ethernet frames and cannot be used as a wire extender (the full length of the cable from the transmitter to the receiver cannot be longer than 100 meters).	

Electrical characteristics at 25°C (Ethernet subsystem)

Inductance (100KHz/100mV@8mA)	350uH MIN at 0°C~ +70°C
Insertion loss (dB MAX)	-1.0dB(1-100MHz)
Feedback loss (dB MIN)	-18dB(1-30MHz), -14.4dB(40MHz), -13.1dB(50MHz), -12dB(60-80MHz), -10dB(100MHz)
Crosstalk interference (dB MIN)	-45dB(30MHz), -40dB(60MHz), -35dB(100MHz)
Differential-common mode suppression (dB MIN)	-43dB(30MHz), -37dB(60MHz), -33dB(100MHz)
Withstand pressure	1500Vrms/0.5mA/60sec

TECHNICAL SPECIFICATIONS

Physical/Environmental

Dimensions (without battery)	width - 103.5mm, length - 89.5mm, height (depends from model) - 42.5mm (ET-3P/3A) or 48.5mm (ET-1P/1A, ET-2P/2A)
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Housing material	PA66-GF30
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Electronic components	lead free RoHS
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Operating temperature	10°C to 55°C
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Storage temperature	-30°C to 70°C
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Relative humidity	20-85% non-condensing
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