

# ETH-POEINJ30-1G-VI

## 30 Watt Gigabit PoE injector



Proxim's 30 Watt Gigabit PoE Injector provides power over Ethernet to Tsunami QB / MP / XP and ORINOCO AP / QB,

### Features and Specification

- Gigabit Ethernet Interface
- IEEE 802.3at protocol – non standard, non compliant (Continuous flow of power with no detection)
- Protection against short circuit, over current and over voltage (The output can be shorted permanently without damage)
- Safety certified against EN 60950 standard
- Level VI power efficiency

### Package Contents

- One Gigabit PoE Injector (ETH-PEOINJ30-1G-VI)

### RJ-45 Pin-Out

PIN	DATA	POWER
1	Data	N/A
2	Data	N/A
3	Data	N/A
4	Data	Positive Out
5	Data	Positive Out
6	Data	N/A
7	Data	Negative Out
8	Data	Negative Out

### Electrical Rating

Input Voltage	100 to 240 VAC, 47 to 63 Hz
Input Current	0.8 Amps (RMS) max for 120 VAC 0.5 Amps (RMS) max for 240 VAC
Leakage Current	0.35 mAmps max for 264 VAC, 60 Hz
Output Voltage	56 Volt DC
Output Current	0.54 Amps
Output Ripple	560 mVolt p-p
Output Power	30 Watt

### Specifications

EMC	FCC part 15 class B EN 55022 class B
Immunity	ESD EN61000-4-2. Level 3 RS EN61000-4-3. Level 2 EFT EN61000-4-4. Level 2 Surge EN61000-4-5. Level 3 CS EN61000-4-6. Level 2 Voltage Dips EN61000-4-11 Harmonic EN61000-3-2 Class A
Isolation Test	Primary to Secondary 3000 VAC for 1 mn, 10mA Primary to Ground 1500 VAC for 1 mn, 10mA Secondary to Ground 1500 VAC for 1 mn, 10mA
Insulation Resistance	Primary to Secondary >10M OHM 500 VDC Primary to Ground >10M OHM 500 VDC
Hold-up Time	10mS min. 120VAC and maximum load

### Environment & Mechanical

Temperature Range	Operating: -20 to +50 °C Storage: -25 to +70 °C
Relative Humidity (non-condensing)	Operating: 20 to 90 %
Dimensions	163 (L) x 65 (W) x 36 (H) mm
Weight	225 g

### Ordering Information

CPN	Description
ETH-POEINJ30-1G-VI	Gigabit , 30W, PoE injector with RJ45, level VI Compliance