

POWER ACCESSORIES

12–36V DC to Adjustable PoE Power Converter

Model POE24V



High-efficiency DC-to-PoE converter with 12–36V input, adjustable 12–57V PoE output, Gigabit Ethernet, and up to 30W continuous 48V operation.

Features

- Wide 12–36V DC input for solar and low-voltage power systems
- Gigabit 10/100/1000Mbps Ethernet port
- Supports 24V wireless CPE and 48V IP camera deployments
- Adjustable 12–57V PoE output with LCD voltage display
- Up to 94% conversion efficiency

Electrical Parameters

Model	POE24V
DC Input	12-36V DC
PoE Output	12-57V
Isolation Transformer Current	0.8A
12V Input to 24V Output	Up to 2A / 48W
12V Input to 48V Output	Up to 0.8A / 38.4W; continuous load ≤30W
Conversion Efficiency	Up to 94%

Network & Interfaces

Data Rate	10/100/1000Mbps
PoE Pin Assignment	Data: pins 1-8; power: 1/2/4/5(+), 3/6/7/8(-)
PoE Port	RJ45
LAN Input	RJ45
DC Input	5.5 × 2.1mm DC jack
Terminal Input	2-pin 3.81mm terminal block
Display	LCD output-voltage display
Certification	CE, MSDS, UN38.3, DGM, sea transportation certificate



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