



ES-POE-G48P-DC

The ES-POE series of DC to DC Power over Ethernet Solutions offered by Ecosmart Solar are the low cost, high efficiency solution for those requiring Passive Power over Ethernet from 12VDC or 24VDC voltage source like a battery system. These PoE's are provided with Integrated DC - DC converters and Power Transfer mechanism with the output voltage is regulated and protected to apply the power and data output to the CAT5/CAT6 Ethernet cable. They accept 10/100/1000 Mbps data-in to a shielded RJ45 Jack and provide 10/100/1000 Mbps data-out and PoE power on the shielded RJ45 output jack. They have various protections for surge, short circuit and overload.

Features:

- * Input Voltage 9VDC to 36VDC
- * Passive PoE Output
- * Integrated 10/100/1000 Mbps PoE Injector
- * Maximum Power up to 30W
- * Low Self Power Consumption
- * High Temperature Operation

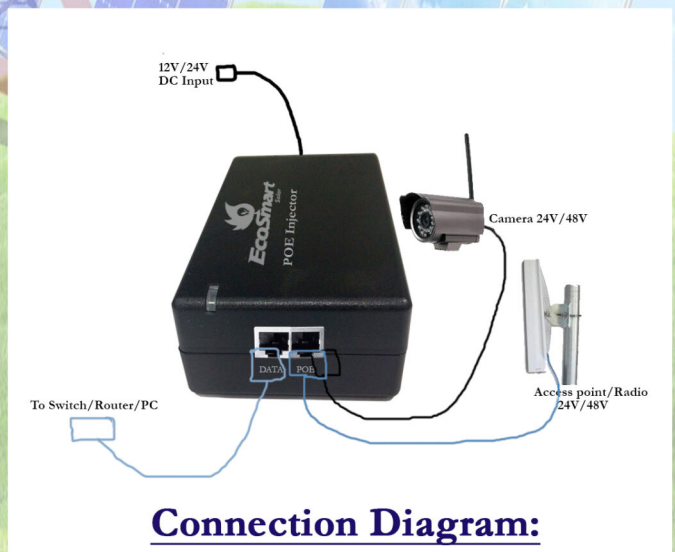


Applications:

- * 12V / 24V Battery Systems
- * Wireless Access Points and Client Devices
- * IP Phone and Security Camera Systems

Specifications:

| Specification | ES-POE-G48P-DC |
|--------------------------|-------------------|
| Input Voltage | 9-36V DC |
| Input Connector | DC Jack |
| Output Voltage | 48V DC |
| PoE Standard | Passive |
| Data Inout | RJ45 Jack |
| Data speed | 10/100/1000 Mbps |
| Out Put Current (Max) | 0.6A |
| Output Power (Max) | 30W |
| Self Consumption Power | <1W |
| Short Circuit protection | Yes |
| Surge protection | Yes |
| LED Power Indicator | PWR/Ready – 1 LED |
| Operating temperature | -30 to +60 deg C |



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