



## ES-POE-G48A-DC

The ES-DCPOE series of DC to DC Power over Ethernet Solutions offered by Ecosmart Solar are the low cost, high efficiency solution for those requiring IEEE802.3af and IEEE802.3at Power over Ethernet from a 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 as per 802.3af/at 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-G48A-DC
Input Voltage	9-36V DC
Input Connector	DC Jack
Output Voltage	48V DC
PoE Standard	IEEE 802.3af/at
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
LED Data Indictaor	PD Detection - 1 LED
Operating temperature	-30 to +60 deg C

