

## POE-SOL-48S Solar Powered PoE Injector

### Product Features

- 30W PoE port output
- 12Vdc secondary output
- Secondary PoE Power source input
- Protection:
  - Battery reverse polarity protection
  - Battery over current protection
  - Low battery voltage cut-off
  - Solar panel reverse polarity protection
  - Solar panel over current protection
  - Output over voltage protection
  - Output short circuit protection



| Solar Powered PoE Injector       | POE-SOL-48S  |
|----------------------------------|--|
| <b>Product Description</b>       | Solar Powered PoE Injector                           |
| <b>Technical Specifications:</b> |  |
| <b>Inputs:</b>                   |  |
| Solar panel:                     | 18V to 36Vmax (80Watt min; 130Watt recommended)      |
| Solar panel terminal:            | Removable screw terminal                             |
| PoE:                             | 18V to 57Vmax (80Watt min) on spare pairs            |
| PoE terminal:                    | RJ45   |
| <b>Outputs:</b>                  |  |
| PoE:                             | 48V; 30Watt (regulated)                              |
| PoE terminal:                    | RJ45   |
| Secondary:                       | 12Vdc; 18Watt (Battery Voltage clamped at 12.5V)     |
| Secondary output terminal:       | Removable screw terminal                             |
| Battery:                         | 12V  |
| Battery management:              | Battery cut-off at 11V ± 0.3V; Auto-On at 12V ± 0.3V |
| Battery output terminal:         | Removable screw terminal                             |
| <b>Protection:</b>               |  |
| Solar over current protection:   | 10A  |
| Battery over current protection: | 10A  |
| Maximum discharge current:       | 5KA (8/20µs)   |
| <b>Ethernet Interface:</b>       |  |
| Standard supported:              | IEEE 802.3   |
| PoE 10/100 port:                 | RJ45   |
| <b>General</b>                   |  |
| Operating temperature:           | -10°C to 60°C  |
| Operating humidity:              | 0% to 95%; non-condensing                            |
| Dimensions (mm):                 | 150 x 118 x 40                                       |

\* Product specifications are subject to change without notice



science



functionality



global standards



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