

# Power Over Ethernet

## POE48xxx Range (48V dc)

### Product Overview

The POE48xxx range, are mains powered 48V dc power supplies with 12V battery back-up capability. Providing 48V dc at either 20W, 48W, 75W or 125W (model dependent) they are ideal for powering PoE Power Sourcing Equipment (PSE) such as dc powered injectors, midspans or switches. POE4820-P is housed in an IP68 rated enclosure for external or harsh environments.

Battery back-up is provided by industry standard 12V batteries, to supply 48V dc on a mains failure.

### Features

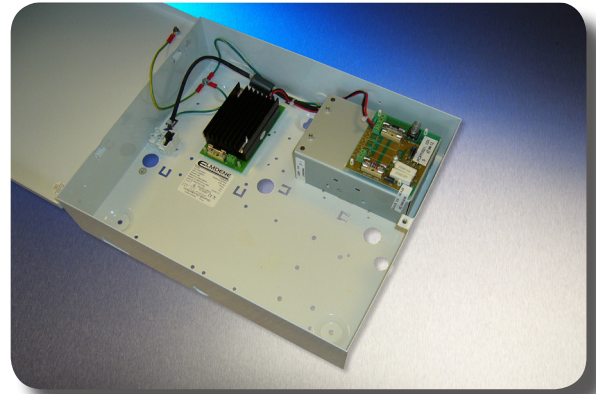
- Used to power either PoE (802.3af) or PoE+ (802.3at) dc powered PSE devices
- Ideal for CCTV and access control applications
- Supplies battery back-up on loss of mains power
- Uses industry standard VRLA batteries:
- Bespoke models considered
- Screen printing available
- 3 year warranty

### Approvals

CE Mark  
RoHS Compliant

### Technical Information

|            |                      |
|------------|----------------------|
| Input      | Mains 90–264V ac     |
| Output     | 48V dc               |
| POE4820-x  | 48V dc at 0.4A (max) |
| POE4848-x  | 48V dc at 1.0A (max) |
| POE4875-x  | 48V dc at 1.5A (max) |
| POE48125-x | 48V dc at 2.6A (max) |



POE4848-C

### Standard Part Numbers

POE4820-A  
POE4820-P  
POE4848-C  
POE4875-R  
POE48125-R

\* Please contact us for bespoke requirements.

### Product Dimensions

*POE4820-A*  
H x W x D: 200 x 230 x 80mm  
Max battery size: 12V 7Ah

*POE4820-P*  
H x W x D: 250 x 150 x 100mm  
Max battery size: 12V 3.2Ah

*POE4848-C*  
H x W x D: 275 x 330 x 80mm  
Max battery size: 12V 17Ah

*POE4875-R / POE48125-R*  
H x W x D: 275 x 330 x 80mm  
Max battery size: 2 x 12V 17Ah

