



# Power Over Ethernet

## PoE UltraPod™

The Elmdene PoE UltraPod™ is a unique PoE powered device that can charge up to a 12V 17Ah battery whilst continuing to provide a 13.8V dc output of up to 3A.

If the PoE power being provided to the input fails, the battery seamlessly takes over continuing to provide the 13.8V dc voltage to the device, allowing data to continue to flow.

Available as a DIN rail mountable module or a boxed unit. It can be used in a variety of PoE applications such as CCTV or Access control.

Installer friendly RJ45 connections are provided to offer a simple plug and play solution without the requirement of terminating Cat5 connections.

### Features

- Provides up to 3A to the device with an additional 0.5A available for battery charging (PoE++ required)
- Offers battery back-up on loss of input PoE power
- DIN rail or screw mountable module
- Boxed unit has space for 17Ah battery
- Boxed unit has fixing points for commonly used access control boards
- Provides remote fault monitoring outputs:
  - > PoE Input failure
  - > Battery Low
- Data pass through for IP connections (10/100Mbps)
- Powered remotely by:
  - > PoE++ (PoE 802.3bt)
  - > PoE+ (PoE 802.3at)
  - > PoE (PoE 802.3af)
- Modular design
- Battery Deep Discharge Protection
- Bespoke / OEM models considered
- 3 year warranty



POE-ULTRAPOD-MOD

### Technical Information

Input	Output	Max Load	Battery Charge Current
PoE (PoE 802.3af) 15W	13.8V dc	0.3A	0.5A
PoE+ (PoE 802.3at) 30W		1.0A	
PoE++ (PoE 802.3bt) 60W		3.0A	

Maximum Battery Size 12V 17Ah (VRLA)  
(not supplied)

Operating Temp. -10°C to 40°C at 95% RH

### Approvals

CE Mark RoHS Compliant

### Part Numbers and Product Information

Part Number	Description	Dimensions H x W x D	Weight
<b>POE-ULTRAPOD-MOD</b>	DIN mountable module with battery charging and 12V 3A output.	40H x 125W x 85D mm	180g (Approx.)
<b>POE-ULTRAPOD-B</b>	Module with battery charging and 12V 3A output in a tampered metal enclosure capable of housing 1x access control board and 1x 12V 17Ah SLA battery	334H x 380W x 85D mm	2.8kg (Approx. excl. battery)

Accessories to work in conjunction with the PoE UltraPod™	Part Number	Description
	ELM-UPOE-SWITCH-8	8-Port Ultra PoE Ethernet Switch (Max 380W)
	ELM-UPOE-INJ-8	8-Port Ultra PoE Injector Hub (Max 400W)
	ELM-UPOE-INJ-16	16-Port Ultra PoE Injector Hub (Max 600W)
	ELM-UPOE-INJ	Single port Ultra PoE Injector (Max 60W)