



Cabinet & PSU

Universal Enclosures

The 'Universal' enclosure range with internal mesh backing is designed to simplify the mounting of modules and accessories during installation by removing the need for drilling additional holes. Available in a medium size enclosure with a PoE powered PSU and a larger enclosure supporting a mains powered 5 Amp PSU, both with battery charging functionality, fault outputs and LED status indication. All enclosures support front and rear tampers with a hinged door that can be detached.

Key Features

Enclosure

- Powder coated white steel enclosure
- Hinged, lockable door with spare key option NC-SPARE-KEY
- Front and rear tampers
- Simplified rear mesh mounting delivers a simple installation of modules removing the need for drilling.

PSU

- Medium size enclosure supports a PoE++ powered input PSU
 - Delivering 13.8Vdc, rated to 3 Amps total to external modules
 - Additional 13.8Vdc @500mA to charge a *Sealed Lead Acid battery
- Large enclosure supports a mains powered 13.8Vdc 5A PSU.
- Continuous full rated current to load.
- PoE++ and mains input options delivering 13.8Vdc output.
- Load output short circuit and overload protection
- Additional 500mA battery charging for use with lead acid batteries.
- Mains transient protection circuit to safeguard equipment
- Output contact and status LED indicators i.e. mains fault
- Individually fused output(s).
- Deep discharge protection helps prevent battery failure when operating in standby mode for extended periods.

* SLA (Sealed Lead Acid) battery not supplied with enclosure.

Universal enclosures



	PoE Powered	Mains Powered
Part Number (Example part numbers)	ENC-MED-PSU-POE++3A	ENC-LRG-PSU-220-12V5A
Dimensions	H330mm x W377mm x D85mm	H500mm x W400mm x D85mm
Power Supply Input	RJ45 Ethernet source supporting PoE++ (802.3bt, 60W) @ 3 Amps (Recommended use PoE++) PoE+ (802.3at) @ 1 Amp PoE (802.3at) @ 300 mA	Main input 90V – 264Vac 50/60Hz, (Max input current @ 90Vac 2A)
Operating temperature	–10 °C – 40 °C, 95% Relative humidity	–10 °C – 40 °C, 95% Relative humidity
Output voltage	13.8Vdc	13.5Vdc – 14.2Vdc
Maximum load current	3 Amps	5 Amps
Battery charge	500mA @ 13.8Vdc	500mA @ 13.8Vdc
Fuse(s)	Output - F3.15A	Main - T3.15A HRC (High Rupturing Capacity) Output - 4x F1.25A Battery - F5A
Battery capacity	1 x 12V 17Ah battery (max)	1 x 12V 17Ah battery (max)
Weight	3.3Kg	5.2Kg
Tampers	Volt free, rated at 100mA @ 60Vdc. The default state is normally closed. The state changes when a fault occurs or door is opened.	A volt free, rated at 100mA @ 60Vdc. The default state is normally closed. The state changes when a fault occurs or door is opened.
Data connection	RJ45 Ethernet connection (labelled DATA) to Ethernet ready device.	—
Connections	PoE IN PoE 802.3bt (60W) from PoE++ OP +/- (Output voltage) 13.8Vdc (+/- 5%) @ 3 Amps max based on PoE++ supply) BATT +/- External battery for use during power loss	+LOAD (Red output voltage to equipment and modules) - LOAD (Black output voltage to equipment and modules) +BATT (Red lead to the standby battery) - BATT (Black lead to the standby battery)
Contact (fault) outputs	POE Loss of PoE Input – healthy state in normal operation is normally closed GEN (General fault) if the fuse fails or the battery delivers less than 10.7Vdc during a power loss. The healthy state in normal operation is normally closed.	EPS (External Power Supply) - Volt free contact, rated 100mA @ 60Vdc GEN (General fault) - Volt free contact, rated 100mA @ 60Vdc
LED indication	<ul style="list-style-type: none"> Power, green LED - on=power available, off=no power Fault, red LED - on=output fuse failed, off=normal operation 	<ul style="list-style-type: none"> Mains LED - on=mains available, off=no mains input power Fault LED - flashing=fault detected, off=normal operation
Conformity	CE, WEEE Directive 2012/19/EU Low Voltage Directive 2014/35/EU - EN 62368-1:2014+A11:2017 EMC Directive 2014/30/EU - EN 55032:2015, EN 55035:2017 RoHS3 Directive - 2011/65/EU+2015/863EU - EN IEC 63000:2018 REACH Directive 1907/2006/EC	CE, WEEE Directive 2012/19/EU Low Voltage Directive 2014/35/EU – EN 62368-1:2014+A11:2017, IEC 62368-1 2018 EMC Directive 2014/30/EU – EN 55032:2015+A11:2020+A1:2020, EN55035:2017+A11:2020, EN 61000-6-3:2007+A1:2011, EN 50130-4:2011+A1:2014, EN IEC61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A2:2021 RoHS3 Directive – 2011/65/EU+2015/863EU – EN IEC 63000:2018 REACH Directive 1907/2006/EC
Replacement key part number	SAS109314	SAS109314
Shipping size (packaging)	380W x 335H x 90D (mm)	405W x 505H x 90D (mm)
HS-Code	85371000	85049090