



boxed low voltage  
emergency pack

# Remergy

 **100 watt**  
 **12 volts**

## Product Description

The Remergy boxed low voltage emergency pack will adapt a standard low voltage tungsten halogen luminaire to operate in emergency mode. The installer friendly one piece emergency pack contains both module and battery, and in maintained mode a transformer.

## Product Features

- **Maintained (M) and non-maintained (NM) versions available to suit the requirement**
- **Can be mounted up to 5 metres from the fitting**
- **Thermal overload protection with fused input and output for maximum reliability**
- **Deep discharge protection as standard to protect the service life of the battery**
- **Green LED charge indicator supplied with one metre of lead for remote mounting or for fixing within the luminaire bezel**
- **Cool running solid state constant current charger**
- **High capacity VRLA valve regulated lead acid batteries**
- **Can be supplied with or without integral transformer**
- **Rugged corrosion resistant ventilated galvanised steel box with 20mm cable entries and key hole fixing slots**
- **Guaranteed for three years**
- **Three hour duration in the event of a mains failure**



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## Types

- Non Maintained – The pack will operate the downlighter in the event of a mains failure only
- Maintained – The pack will operate the downlight in normal and emergency mode and is complete with transformer

## Specification

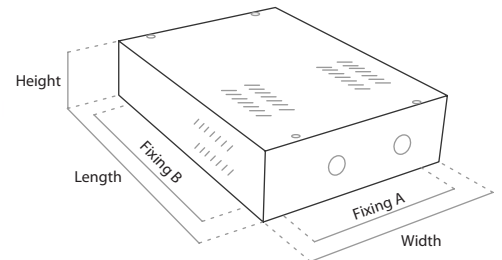
- Operating voltage : 190 - 265 AC
- AC input: 60mA max, 12mA standby
- Recharge Period: 24 hours
- Constant output for entire period
- Automatic trickle charge, current limited and constant voltage
- Auto chngerover to and from emergency mode according to IEC598
- Charging current 900mA, 10mA floating
- VRLA battery management circuit

## Standards

Designed and manufactured to:  
BSEN 60598.2.22

## Module Dimensions

Part No.	Length	Width	Height	Fixing A	Fixing B
EZX12/100	502mm	245mm	90mm	218mm	440mm



## Mamimum Cable Runs

Part No.	1mm	1.5mm	2.5mm	4.0mm	6mm
EZX12/100		1m	2m	3m	5m

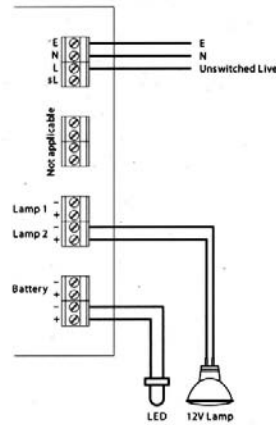
## Accessories

EZ/LH, Remote LED housing

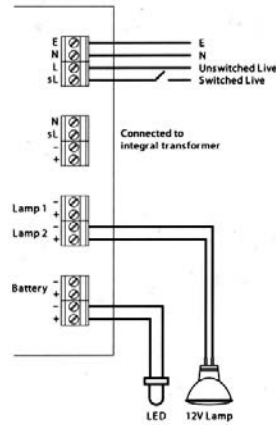


## Typical Wiring Diagram

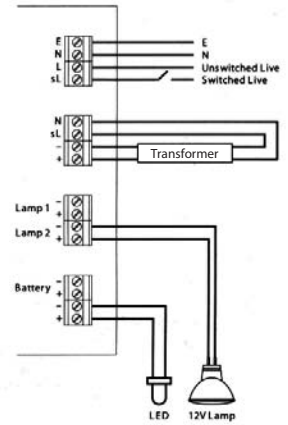
### Typical Wiring Diagrams



**EZX-NM3**  
Non-maintained mode



**EZX-M3**  
Maintained mode with integral transformer



**EZX-NM3**  
Maintained mode with remote transformer

## Order Codes

Part Number	Load	Battery	Battery Type	BLF	Mode	Ambient Temperature	Duration	Weight
EZX 12/100/NM3	12v 100w	12V 34AH	VRLA	100%	NM	25°C	3	7.5Kg
EZX 12/100/M3	12v 100w	12V 34AH	VRLA	100%	M	25°C	3	8.0Kg
EZX 12/100/NM1	12v 100w	12V 34AH	VRLA	100%	NM	25°C	3	5.0Kg
EZX 12/100/M1	12v 100w	12V 34AH	VRLA	100%	M	25°C	3	4.5Kg

\*Maintained version supplied with an integral dimmable electronic transformer.

**escapezone**

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