

## MODEL : EMLIGHT

### DATA SHEET

- ❖ Solid-state LED lamps (or 1.2W incandescent lamps).
- ❖ Output for alarm bell
- ❖ Battery 12Ah, 12V
- ❖ Over charge/over discharge protections.

### Description

This unit is designed to supply 12V for an elevator cabin emergency lighting system during power failure. It can drive both incandescent or LED lamp modules (supplied separately).

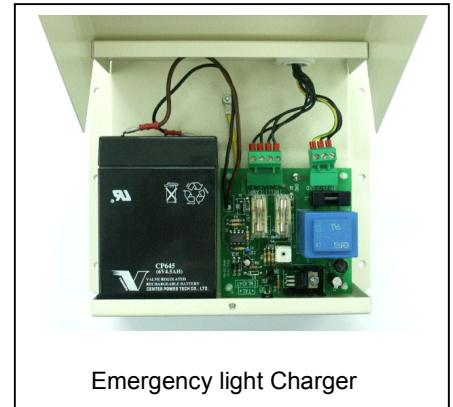
The unit is powered from the mains 110V/120VAC and has two outputs, one for the lamp module and the other for an alarm bell.

The output for the lamp module is activated only during power failure; the bell output is permanently activated.

The inputs and outputs are available to the user through a flexible cable 35 cm as standard (with an option to extend up to 4m).

The battery is protected against overcharge and over-discharge. Over-discharge protection is available through the lamp output only. A red lamp on the front panel is provided for monitoring battery charging.

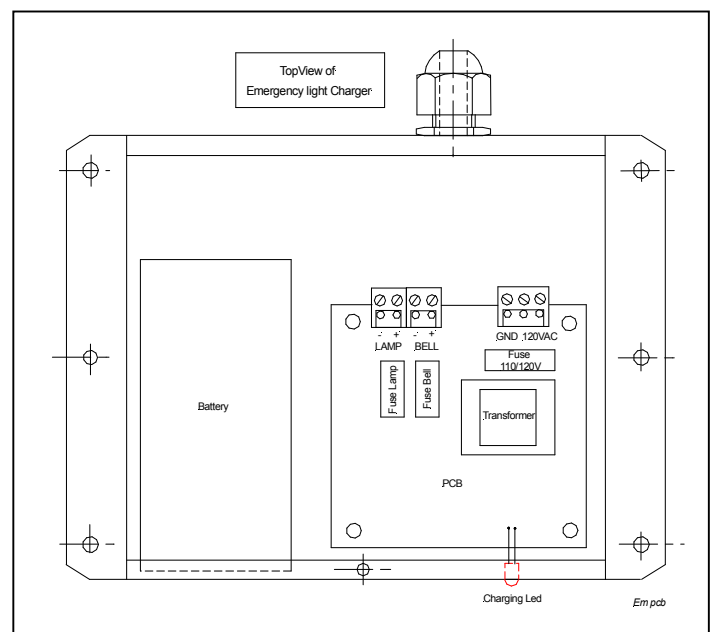
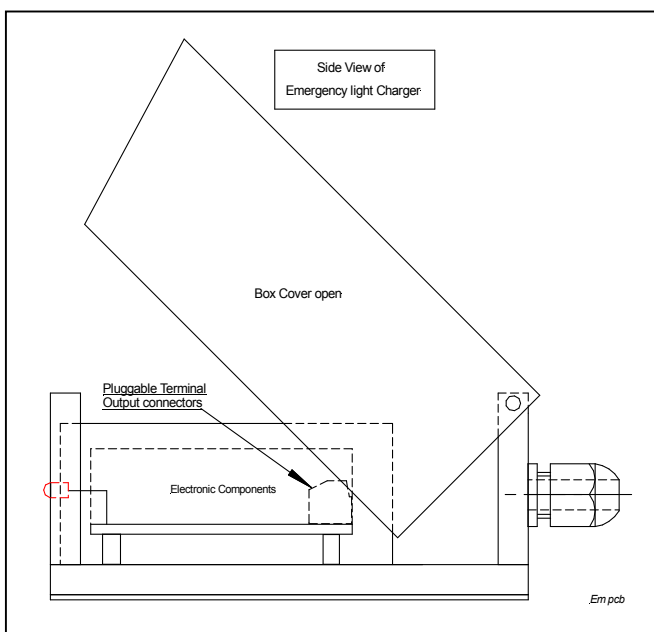
Light duration is at least four hours, depending on battery size and lamp panel.

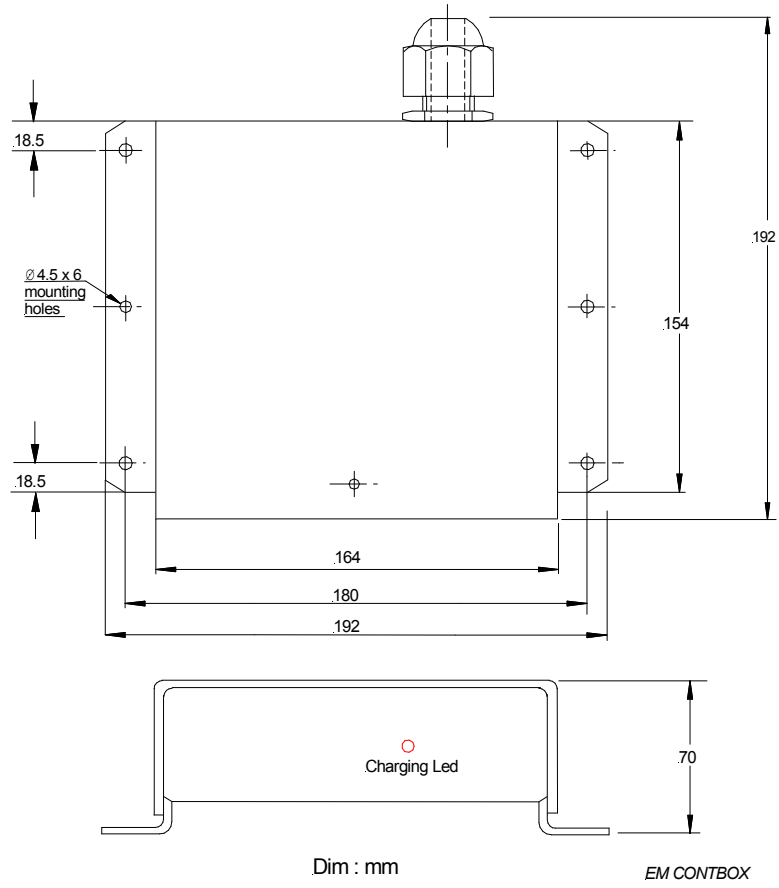


Emergency light Charger

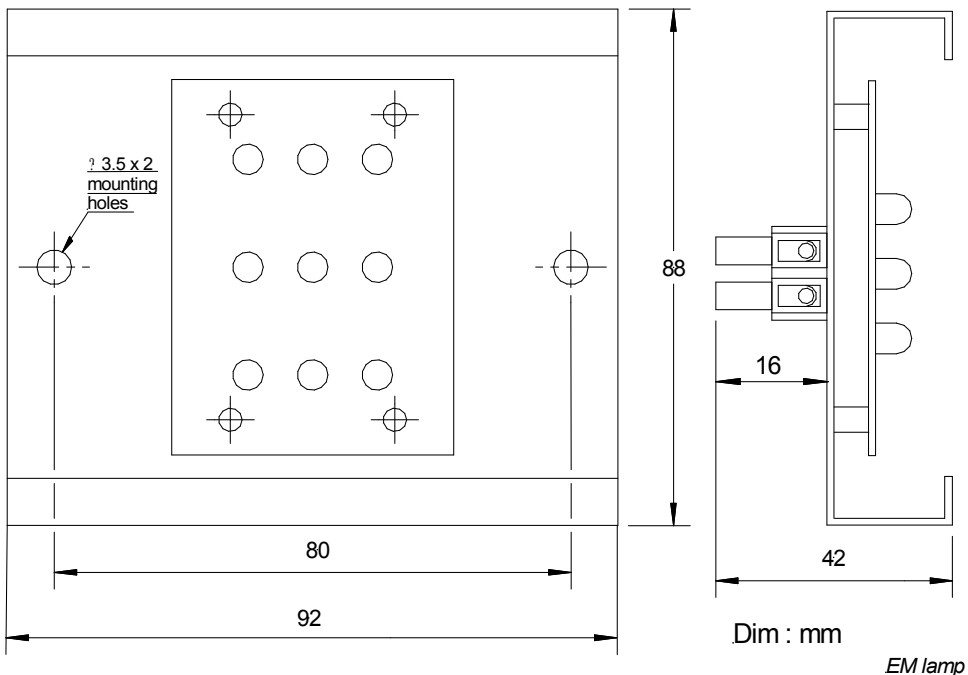


Lamp Module

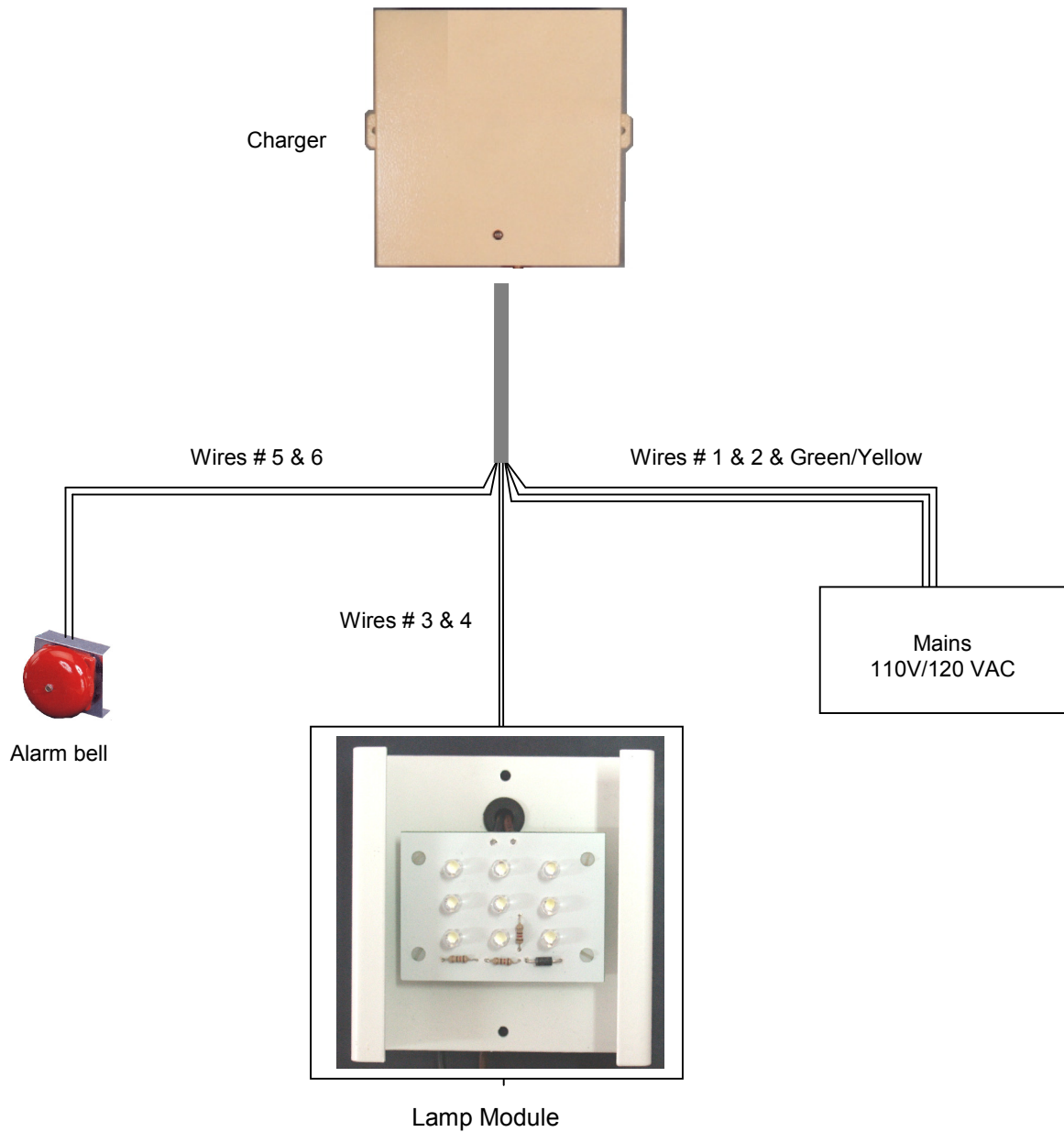




**Charger**



**Lamp Module**



### Installation

The power unit (charger) should be connected as follows:

Wire 1: 110V/120V AC (live).

Wire 2: 110V/120V AC (neutral).

Wire 3: lamp output – 12V negative terminal.

Wire 4: lamp output – 12V positive terminal.

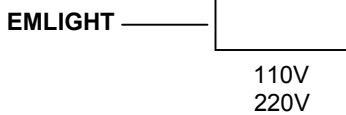
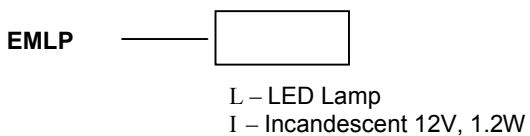
Wire 5: bell output – 12V positive terminal.

Wire 6: bell output – 12V negative terminal.

Wire green/yellow: ground

**Specifications**

Mains	110V/120V AC @ 50mA
Output	12V for lamp module protected by 1amp fuse. 12V for alarm bell protected by 1amp fuse.
Battery	12V: 1.2ah
Protection	Battery over charge or over discharge.
Charging Method	Regulated float charge.
Storage	Power can be stored for long periods of time without damaging the battery. Storage discharge current is as low as 25 micro amps.
Packed Weight	2.5 Kg.

**Ordering information****CHARGER****LAMP MODULE****Packing Information**

Each unit is packed individually in a 24cm x 22cm x 11cm carton.