

PACK 2 - REMOTE EMERGENCY 7W - 20W

MODEL NUMBER

PACK 2 - REMOTE EMERGENCY 7W-20W

SPECIFICATIONS

- For use on a wide range of LED fittings, to convert them from standard to emergency fittings with a self test function.
- LED fitting would be maintained emergency fitting if standard (main powered) driver, emergency lighting kit and battery are all retained in the circuit. LED fitting would be non-maintained emergency fitting if only emergency conversion module and battery are retained in the circuit.
- Additional Relay that can control standard LED driver.
- Deep discharge protection.
- Connector between emergency kit and battery has the function of polarity reversal protection.
- Ambient range ta 0...50°
- IP20 protection, relies on end-product enclosure for protection against accidental contact live parts.
- Not intended for use in luminaires for high-risk task area lighting.

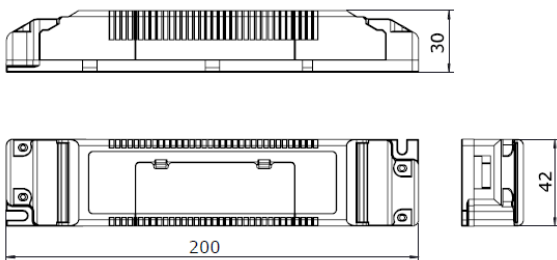


TECHNICAL DATA

- Input rated voltage: 220-240V AC, 50-60Hz
- AC input current: 30mA max
- AC Input power rated 3.5 W max
- Power factor: >0.5
- Charge time : 24 hours
- Charge mode: trickle re-charging on battery.
- Output emergency power 2, DC20...50V (6-15 LEDs) DC50-300V (16-100 LEDs), constant power output.
- Output voltage : DC20...50V, DC55V max(SELV)
DC50...300V, DC350V max (Non SELV)
- Battery capacity (LiFePO4) 3300mAh
- Battery Charging Current: 0-250mA
- 3 hours rated duration
- Max casing - . temperature tc 70°
- Lumen Factor: 140lm/Wattage
- Reinforced insulation between main supply and the battery circuit.
- This unit can recharge the battery normally after reconnecting of battery.

DIMENSIONS IN MM

L200xW42xH30



SELF TEST

The emergency kits carry out self-tests automatically to ensure its functionality. The self-test includes 3 types of tests:

Initial test

- As soon as mains supply is connected, the emergency kit will carry out a 3-seconds functional test automatically.
- In case of a failure, the LED will turn permanent red. Otherwise, the charge mode will start.

Functional test

- Refers to charging, discharging and the functioning of load.
- Carry out for 10 seconds automatically every 30 calendar days.

Duration test

- Refers to the test of batteries capacity.
- Carry out every 180 calendar days.

Rest mode

Rest mode can be initiated during emergency mode by pressing test switch longer than 3 seconds. The rest mode will be exited automatically after reconnect AC mains.

Please note

If mains supply is off during self-test period, emergency conversion module would terminate self-test immediately and go into emergency mode.








LED INDICATOR HOLDER

HOLE CUT OUT

 20mm Ø.



LED INDICATOR

	Color	LED indication	Status	Comment
	Green	Slow flashing green (3 sec on, 1 sec off)	Charging Mode	AC mode
	Green	Permanent green	Fully Charged	AC mode
	Green	Fast flashing green (0.1 sec on, 0.1 sec off)	Function test underway	
	Green	Slow flashing green (1 sec on, 1 sec off)	Duration test underway	
	Red	Permanent red	Load failure	Open circuit/ Short circuit Led failure (emergency mode)
	Red	Slow flashing red (1 sec on, 1 sec off)	Battery failure	Battery failed the duration test or function test / No battery
		Green and red off	DC mode	Battery operation (emergency mode)