



Emergency Kit Add On Module Plug & Play



Please read these instructions and retain them for future reference.

Important information:

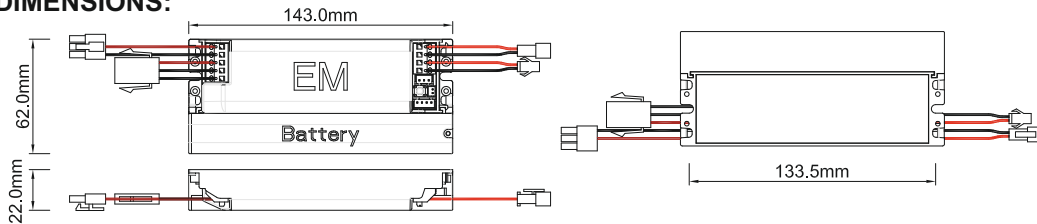
It is recommended that this fitting is installed by a qualified electrician ensuring the installation complies with current IEE wiring regulations & local building control.

- This product is designed for connection to a 220-240V mains supply.
- Only mount on level and stable surfaces.
- We cannot accept responsibility for any claims arising from a poor installation.
- Always switch off mains supply before installation.
- The light fitting is Class I and requires an earth connection.

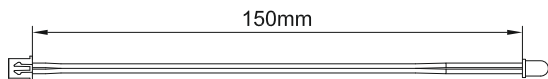
FEATURES:

- For maintained or non-maintained emergency lighting systems
- Easy plug & play install between driver and LED module via internal plugs
- Conforms to EN 61347-1, EN 61347-2-7 and EN 61347-2-13
- Thermal & surge protection
- Voltage change-over threshold according to EN 60598-2-22
- Over 3 hours rated duration
- Replaceable internal LiFePO4 battery pack
- Over-charge, over-current, short-circuit and deep discharge protection for battery
- Test Button for a quick functional test
- Green charging status LED
- Constant power output

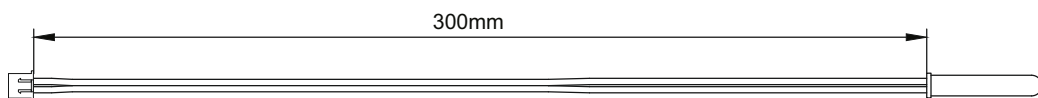
DIMENSIONS:



INDICATOR CABLE:



LED Cable for Ceiling Lights



LED Cable for Wall packs

TECHNICAL SPECIFICATION

Output Wattage	2W	Emergency Operation Time	>3h	Battery Type	LiFePO4
Input Voltage	220-240Vac 50/60Hz	Emergency Conversion Time	<1s	Battery Capacity	1000mAh
Input Current (max)	30mA	Test Function	Manual	Battery Voltage	6.4V
Output Voltage	50-200Vdc	Length x Width x Depth	143x62x22mm	Battery Charge Voltage	7.2Vdc
Output Current	8-30mA	Input Connection	Male/Female Plugs	Battery Charge Current	70-260mA
Open Circuit Voltage	200Vdc	Output Connection	Male/Female Plugs	Battery Discharge Voltage	5.8-7.4Vdc
Maximum Working Voltage	200Vdc	Maximum Case Temperature	75°C	Battery Discharge Current	248-320mA
IP Rating	IP20	Ambient Temperature Range	0 to 50°C	Charging Time	>24h
Input to Output Protection	Double Insulation	Power factor	0.4	Battery Life	3Years

PROTECTION FUNCTION

ITEM	Requirement	Comments
Short Circuit	yes	Recovers automatically after fault condition is removed
Output Voltage	≤200V	

ISOLATION FUNCTION

ITEM	Test Method	Test Conditions
Dielectric strength	Input To Output	2000Vac OR 5300Vdc, Leakage Current≤5mA
Isolation Impedance	Input To Output	DC500V 10MΩ /min(at room temperature)
Leakage Current	Input To Output	Input 120Vac 60Hz ≤ 0.75mA

ENVIRONMENT REQUIREMENT

ITEM	UNIT	MIN	Rated	MAX	REMARK
Temperature	°C	0	25	55	Operation Temperature
		-40	25	85	Storage Temperature
Humidity	°C	20%-90% RH non-condensing			Operation Humidity
		5%-95% RH non-condensing			Storage Humidity
Cooling Mode	Air Cooling				

