



## LTEM

## Emergency Kit Add On Module

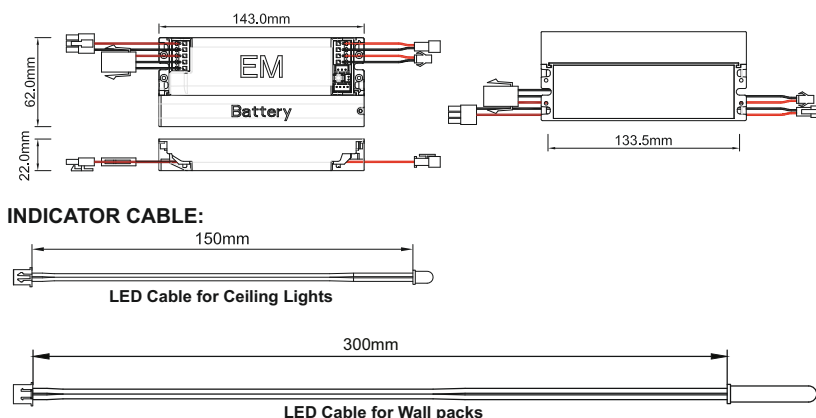
This Emergency Pack is designed specifically for LED lights, providing constant power in an isolated emergency configuration with primary output (LOut) control. The power supply uses an advanced circuit design, resulting in high efficiency, fast startup, and low standby power consumption. It is built for reliability, low noise, no flicker, energy efficiency, environmental friendliness, and long-lasting performance.

**Compatible with: Polo LTPCCT, Galaxy LTG1CCT, Galaxy LTG2CCT, LTDCB18CCT Die-Cast Bulkhead, LTWP18CCT/LTWP24CCT Wall packs**

### Features & Benefits:

- 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:



### Technical Specifications:

<b>Output Wattage:</b>	2W	<b>Output Connection:</b>	Male/Female Plugs
<b>Input Voltage/Frequency:</b>	220-240Vac 50/60Hz	<b>Maximum Case Temperature:</b>	75°C
<b>Input Current (max):</b>	30mA	<b>Ambient Temperature Range:</b>	0 to 50°C
<b>Output Voltage:</b>	50-200V/DC	<b>Power Factor:</b>	0.4
<b>Output Current:</b>	8-30mA	<b>Battery Type:</b>	Lithium - LiFePo4
<b>Open Circuit Voltage:</b>	200Vdc	<b>Battery Capacity:</b>	1000mAh
<b>IP Rating:</b>	IP20	<b>Battery Voltage:</b>	6.4V
<b>Input to Output Protection:</b>	Double Insulation	<b>Battery Charge Voltage:</b>	7.2Vdc
<b>Emergency Operation Time:</b>	>3h	<b>Battery Charge Current:</b>	70-260mA
<b>Emergency Conversion Time:</b>	<1s	<b>Battery Discharge Voltage:</b>	5.8-7.4Vdc
<b>Test Function:</b>	Manual	<b>Battery Discharge Current:</b>	248-320mA
<b>Dimensions (LxWxD):</b>	143 x 62 x 22mm	<b>Charging Time:</b>	>24h
<b>Input Connection:</b>	Male/Female Plugs	<b>Battery Life:</b>	3 years

**PROTECTION FUNCTION**

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

**ISOLATION FUNCTION**

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

**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				

**BATTERY REPLACEMENT:**