

PRODUCT DATASHEET

EMERGENCY HIGH BAY BATTERY 5-200W (250W Max)

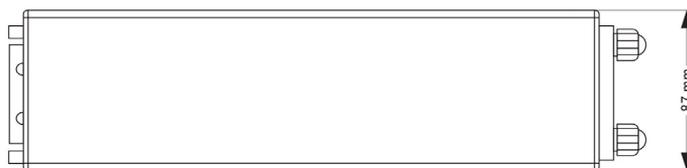
PRODUCT DESCRIPTION:

PURERENA EMERGENCY HIGH BAY BATTERY

The LiFePO4 LED emergency driver operates from 85Vac to 265Vac input voltage and provides 100% output power for Max. 180mins battery backup for 50-250W LED lamps. The system will switch into emergency mode automatically when the main power fails.



DIMENSIONS:



TECHNICAL SPECIFICATIONS:

Input Voltage	AC85-265V~50/60Hz
Power Factor	≥0.95 (≥75% load)
Input Power	50-200W, Max. 250w (Not including charging power)
Conversion Efficiency	86%
Charging Power	Max. 20W (1500mA)
Battery Type	LiFePO4 19.2V 12Ah
Conversion Time	≤0.5s
Charge Time	< 24Hrs
Emergency Time	Max. 180mins
Output Voltage	DC230V±5%
Output Power	50-200W, Max. 250W
Emergency Output	100% power
Overcharge Protection	≥21.90±0.1V enter the balanced charging mode, 22.5±0.1V Cut-off charging

PRODUCT DATASHEET

**EMERGENCY HIGH BAY BATTERY
5-200W (250W Max)**

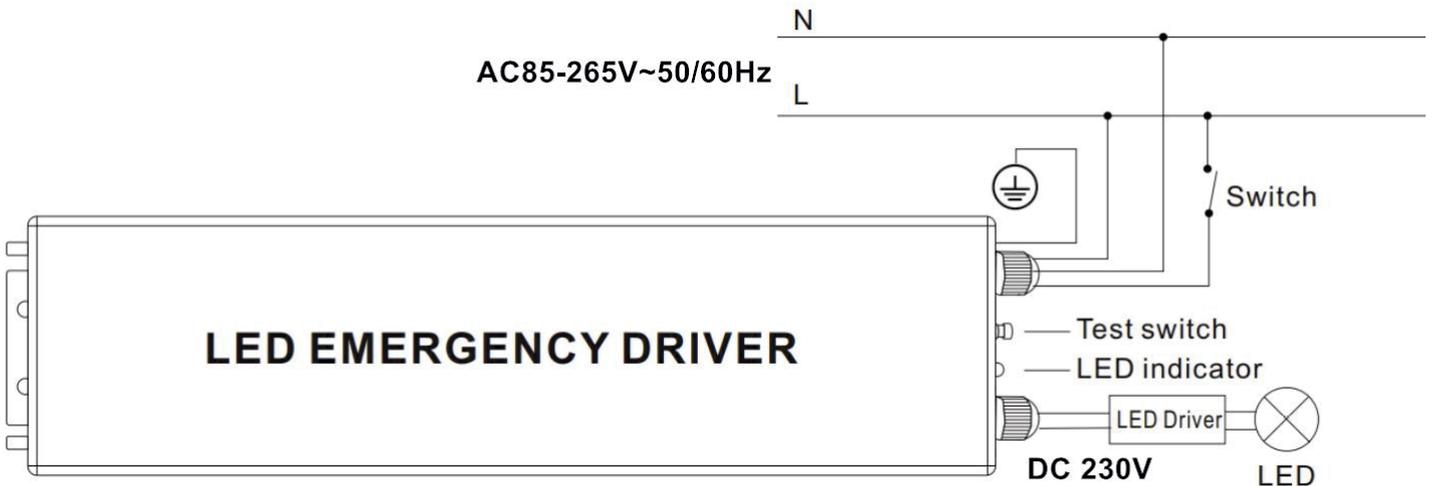
TECHNICAL SPECIFICATIONS:

Over Discharge Protection	15.00±0.1V
Short Circuit Protection	Current Limited Output, Automatic Recovery after Short Circuit removal
Shell Temperature	≤70 °C
Open Circuit Protection	Constant voltage output; shut down system after 3s in emergency mode
Overheat Protection	≥100±10 °C automatic recovery after cooling
Ambient Temperature	0 °C -50 °C
Class	Class I
Protection Level	IP54 / IP65

TEST BUTTON AND LED INDICATOR:

Red LED ON	AC power connected, battery is charging normally
Green LED ON	AC power connected, battery charged
TEST	Press test button, EM battery switches into EM mode

WIRING DIAGRAM:



Warning: the switch wire must be in the same phase with charging wire!

Note: the battery kit shall be charged on each three to six months if stores in warehouse.