

PRODUCT DATASHEET

LED EMERGENCY DRIVER WITH BATTERY PACK 3-50W

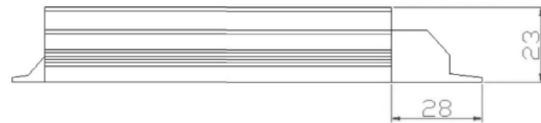
PRODUCT DESCRIPTION:

PURERENA LED EMERGENCY DRIVER FL001 Features:

- 3-50W LED emergency battery
- Input AC85-265V, 50/60Hz
- Slim design: L145mm xW40mmxH23mm
- Non-maintained mode
- Constant current output
- SELV output
- Overcharge, over discharge protection
- Over temperature protection
- Short circuit protection
- 3.7V lithium ion battery
- Comply with latest safety and EMC standard.



DIMENSIONS: (mm)



TECHNICAL SPECIFICATIONS:

Input Voltage	AC85-265V~50/60Hz
Output Voltage	10-185V
Input Power	3 - 50W
Conversion Efficiency	>83%
Battery Type	Li-ion 3.7V 2200mAh
Emergency Time	120 mins
Charge Time	< 24Hrs
Charging Voltage	4.2V
Charging Current	220mA
Output Power	3-50W (depends on LED lamp)
Emergency Output	Max. 4W
Dimentions	L145*W40*H23mm
Body Type	Slim Design

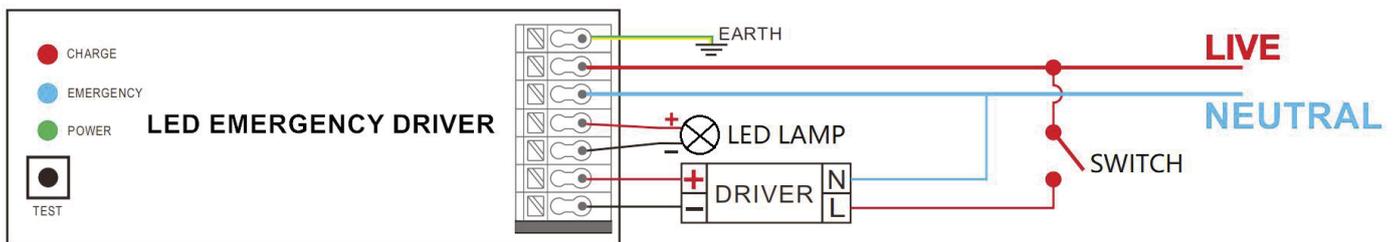
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**LED EMERGENCY DRIVER
WITH BATTERY PACK 3-50W**

TECHNICAL SPECIFICATIONS:

Over Charge Protection	≥ 4.20 ± 0.1V enter balanced charging mode; 4.25± 0.1 V, cut off charging
Over Discharge Protection	3.9 ± 0.1V
Short Circuit Protection	Current limited output; Automatic recovery after short circuit removed
Open Circuit Protection	Constant voltage output; shut down system after 3s in emergency mode
Overheat Protection	≥ 60 ±10 °C, automatic recovery after cooling
Ambient Temperature	0 °C - 45 °C
Pressure Resistance	I/P - O/P: 3750VAC, I/P - FG: 1870 VAC, O/P - FG: 500 VAC
Leakage Current	≤0.1mA
Manual Test	Press test button to switch into EM mode
Installation	Internal or External (for better heat dissipation)
IP Protection	IP30
Body	Aluminum alloy + ABS
TEST BUTTON AND LED INDICATOR:	
GREEN	AC power connected, EM battery works normally
BLUE	EM battery switches into emergency mode
RED	EM battery is charging
BLUE	Press test button, EM battery switches into EM mode (TEST MODE)

WIRING DIAGRAM:



WARNING: THE SWITCH WIRE MUST BE IN THE SAME PAHSE WITH CHARGING WIRE.