

PRODUCT DATASHEET

LED EMERGENCY DRIVER WITH BATTERY PACK 1-100W

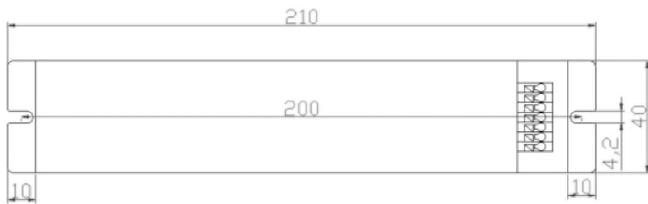
PRODUCT DESCRIPTION:

PURERENA LED EMERGENCY BATTERY

LED emergency battery operates from 85Vac to 265Vac input voltage and provides Max. 6W output power for more than 180mins at emergency lighting mode. The system will switch into emergency mode automatically when the main power fails.



DIMENSIONS: (mm)



TECHNICAL SPECIFICATIONS:

Input Voltage	AC85-265V~50/60Hz
Output Voltage	10-185V
Input Power	3 - 100W
Conversion Efficiency	>86%
Battery Type	Li-ion 7.4V 2200mAh
Emergency Time	180 mins
Charge Time	< 24Hrs
Charging Voltage	8.4V
Charging Current	220mA, Max. 300mA
Output Power	3-100W (depends on LED lamp)
Emergency Output	Max. 6W
Dimensions	L210*W40*H23mm
Body Type	Slim Design

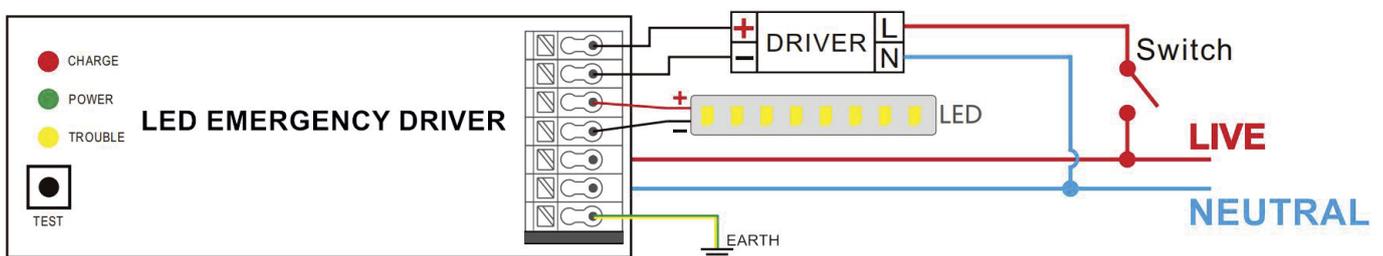
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WITH BATTERY PACK 1-100W**

TECHNICAL SPECIFICATIONS:

Over Charge Protection	$\geq 8.40 \pm 0.1V$ enter balanced charging mode; $8.45 \pm 0.1 V$, cut off charging
Over Discharge Protection	$7.8 \pm 0.1V$
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	$\geq 55 \pm 10^\circ C$, automatic recovery after cooling
Ambient Temperature	$0^\circ C - 45^\circ C$
Pressure Resistance	I/P - O/P: 3750VAC, I/P - FG: 1870 VAC, O/P - FG: 500 VAC
Leakage Current	$\leq 0.1mA$
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 LED ON	AC power connected, EM battery works normally
YELLOW LED ON	EM battery is in faulty (Self-test function)
RED LED ON	EM battery is charging

WIRING DIAGRAM:



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