

PRODUCT DATASHEET

PRODUCT DESCRIPTION:

PURERENA LED EMERGENCY DRIVER

For LED tube, panel, down lights...

Voltage protection input AC85-265V

External test button & power indicator

Over charge & over discharge protection

Short-circuit & no-loading protection

Fire-resistant PC housing

86% high conversion efficiency

IP20 protection



BATTERY PACK:

High capacity Lithium ion battery

High temperature resistant batteries

18650 11.1V Li-ion battery pack

Balanced charging scheme for battery pack

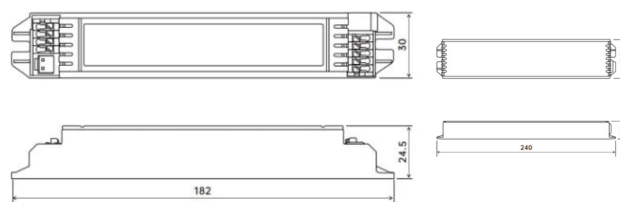
Battery capacity is optional according to emergency time

Simple plug-in connection

LED EMERGENCY DRIVER WITH BATTERY PACK 5-40W



DIMENSIONS:



TECHNICAL SPECIFICATIONS:

Input Voltage	AC85-265V~50/60Hz
Output Voltage	220V
Power Factor	>0.51 (70% load)
Input Power	5-40W, Max. 50W
Conversion Efficiency	>86%
Battery Type	Lithium ion 11.1V 4400mAh
Emergency Time	60-180 mins
Charge Time	< 24Hrs
Charging Power	10W, Max. 15W
Charging Current	220mA, Max. 300mA
Output Voltage/Current	220V±5% (0.03A - 0.15A)
Output Power	5-40W, Max. 50W (depends on LED lamp)
Emergency Output	100% power

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LED EMERGENCY DRIVER WITH BATTERY PACK 5-40W

TECHNICAL SPECIFICATIONS:

Over Charge Protection	$\geq 12.3 \pm 0.1V$ enter balanced charging mode; $14.75 \pm 0.1 V$, cut off charging
Over Discharge Protection	$8.25 \pm 0.1V$
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	$\geq 60 \pm 10^\circ C$, automatic recovery after cooling
Ambient Temperature	$-5^\circ C - 45^\circ C$
Pressure Resistance	I/P - O/P: 3750VAC, I/P - FG: 1870 VAC, O/P - FG: 500 VAC
Leakage Current	$\leq 0.1mA$
Insulation Resistance	$\geq 100M\Omega$ (DC500V) I/P-O/P, I/P - FG, O/P - FG
Installation	Internal or External (for better heat dissipation)
IP Protection	IP20
Body	PC
Rated Load	$25^\circ C / 70\% RH, AC230V/50Hz$
TEST BUTTON AND LED INDICATOR:	
Green LED ON	Mains power supply - Normal working
Press Test Button	Test function - to switch into EM mode

WIRING DIAGRAM:

