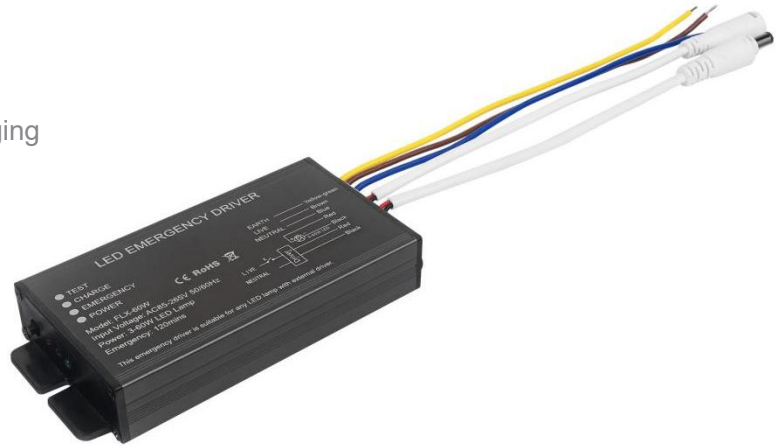


DESCRIPTION

Supwer slim design 20mm LED emergency kit operates from 85Vac to 265Vac input voltage and provides Max. 4W output power for more than 120mins at emergency lighting mode. The system will switch into emergency mode automatically when the main power fails. Intelligent IC for over charging and over discharging protection.

FEATURES

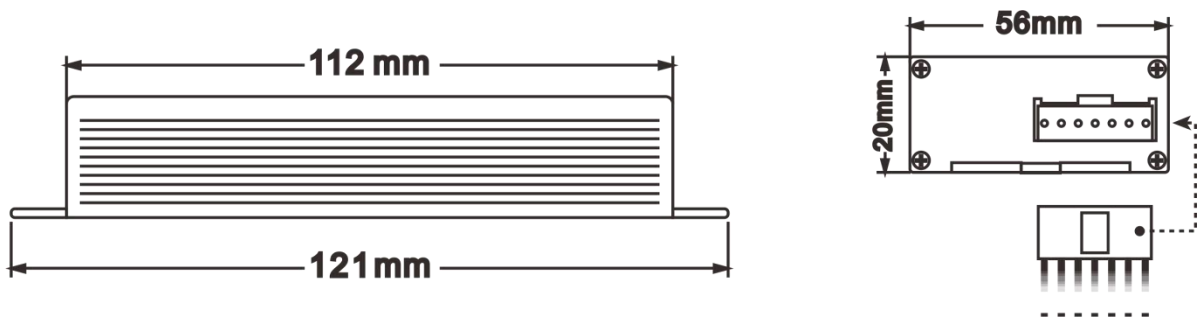
- 3-60W LED emergency battery
- Input AC85-265V, 50/60Hz
- Intelligent IC control over charging/discharging
- Slim design: L121mm ×W56mm×H20mm
- Non-maintained mode
- Constant current output
- SELV output
- Over temperature / Short circuit protection
- Long lasting lithium ion battery
- Optional external test button / status indicators



MODEL INFORMATION

Model	Input Voltage	Output Voltage	EM Power	EM Time	Dimension	Battery	Function
FLX60W	AC85-265V	10-200V	Max. 4W	>120mins	121*W56*H20mm	Li-ion 3.7V 2400mAh	For 3-60W
FLX40W	AC85-265V	10-200V	Max. 4W	>120mins	121*W56*H20mm	Li-ion 3.7V 2200mAh	For 3-40W

DIMENSION (unit: mm, ±1mm)



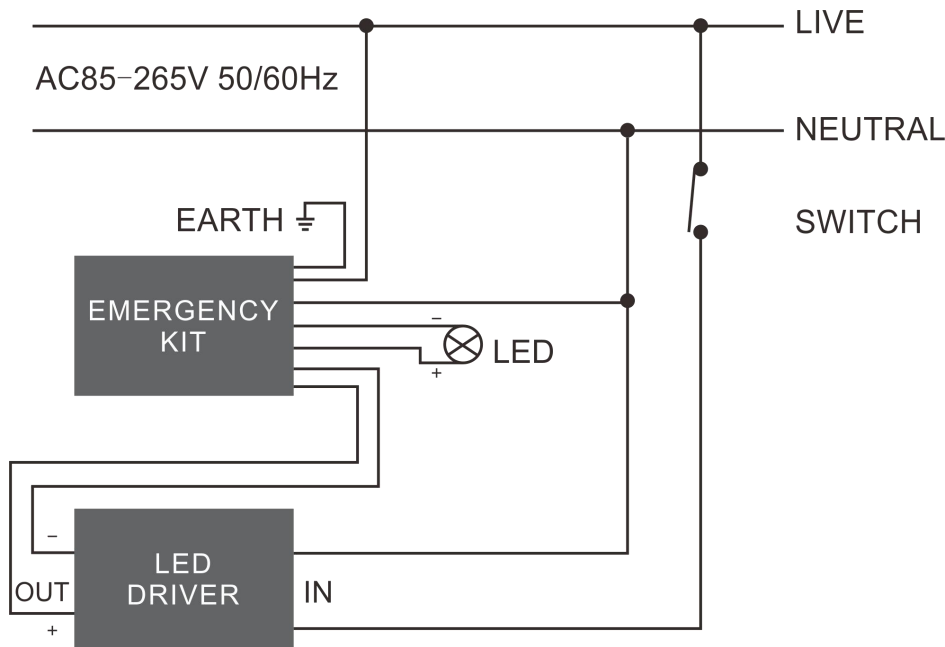
LED INDICATORS AND TEST BUTTON

Indicator	Status	Note
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	FUNCTION TEST

TECHNICAL DATA (25°C/70% RH, AC230V/50Hz, RATED LOAD)

Input Voltage	AC85-265V~50/60Hz
Output Voltage	10-200V
Input Power	3-60W
Conversion Efficiency	>83%
Battery Type	Li-ion 3.7V 2400mAh
Emergency Time	>120mins
Charge Time	<24Hrs
Charging Voltage	4.2V
Charging Current	200mA
Output Power	3-60W (depends on LED lamp)
Emergency Output	Max. 4W
Over Charge Protection	$\geq 4.20 \pm 0.1V$ enter balanced charging mode; $4.25 \pm 0.1 V$, cut off charging
Over Discharge Protection	$3.90 \pm 0.1V$
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	0°C - 50°C
Installation	Internal or External
IP Protection	IP30
Housing Materials	Aluminum alloy+abs

WIRING DIAGRAM



Warning: the switch wire (K) 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.