

EMERGENCY LED DRIVER

BLD-CM08E-YYY

BLD-CM08H-YYY

BLD-CM08N-YYY

BLD-CM15H-YYY

BLD-CM15N-YYY

BLD-CM20H-YYY

BLD-CM20N-YYY



FEATURES

- Split design, external battery for flexible installation and narrow space.
- Constant output power.
- Long life high temperature recyclable LiFePO4 battery, meet 2000 cycles of charge and discharge.
- Includes 2-in 1 test switch and charge indicator light.
- 5 year limited warranty.
- Suitable for use in dry and damp location.
- UL Listed for factory or field installation-UL924 & CSAC22.2 NO.141.
- California Energy Commission (CEC) T20 with BC.

ELECTRICAL SPECIFICATIONS

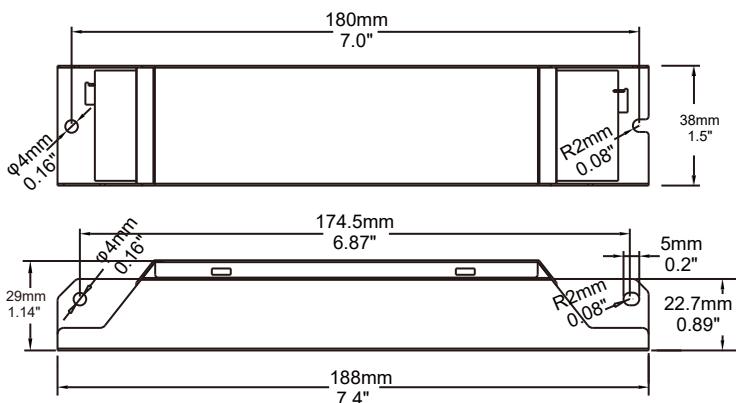
- Input Voltage: 100-347Vac, 50/60Hz
- Input Current: 100mA max
- Input Power: 7W max
- Recharge Time: 24 Hours
- Discharge Time: 90 minutes
- Battery: LiFePO4 battery
- Battery Charging Current: ≤250mA
- Ambient Temp: 5°C to 60°C (41°F to 140°F)



ORDERING GUIDE

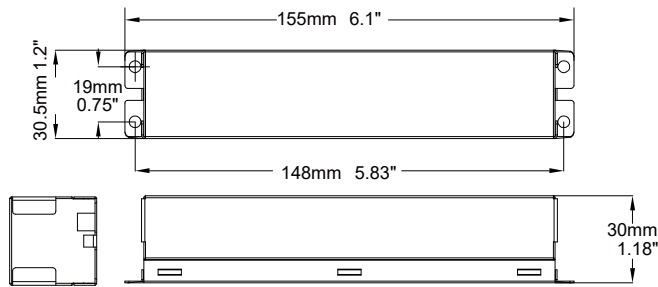
Model Number	Input Voltage	Output Voltage	Output Power	Charging Time	Discharging Time	Battery Type
BLD-CM08E-YYY	100-347V AC, 50/60Hz	36-56Vdc	8W	24Hours	90 minutes	LiFePO4 battery
BLD-CM08H-YYY		60-150Vdc				
BLD-CM08N-YYY		150-260Vdc				
BLD-CM15H-YYY		36-150Vdc	15W			
BLD-CM15N-YYY		90-260Vdc				
BLD-CM20H-YYY		36-150Vdc	20W			
BLD-CM20N-YYY		90-260Vdc				

DIMENSIONS

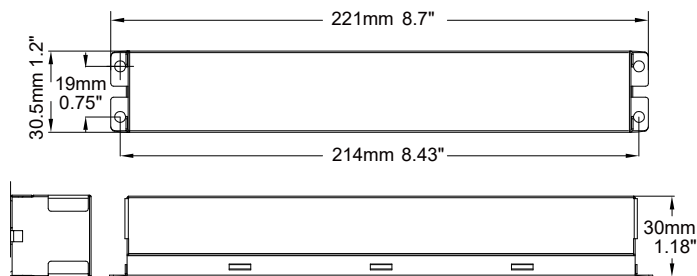


Driver- 7.4"x1.5"x1.14"
188mmx38mmx29mm
mounting center-7.0"

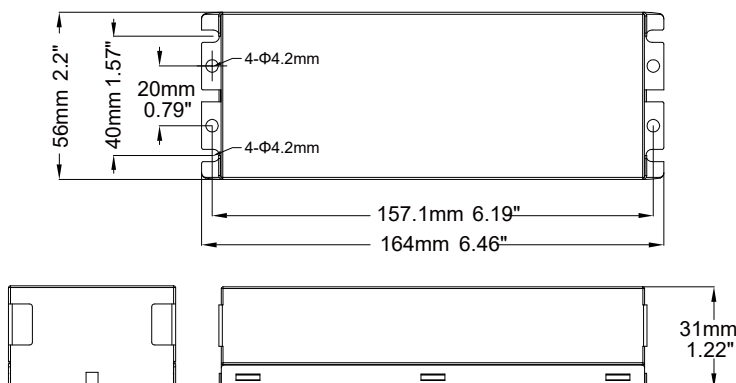
BATTERY DIMENSIONS



8W Battery case- 6.1"x1.2"x1.18"
155mmx30.5mmx30mm
mounting center-5.83"



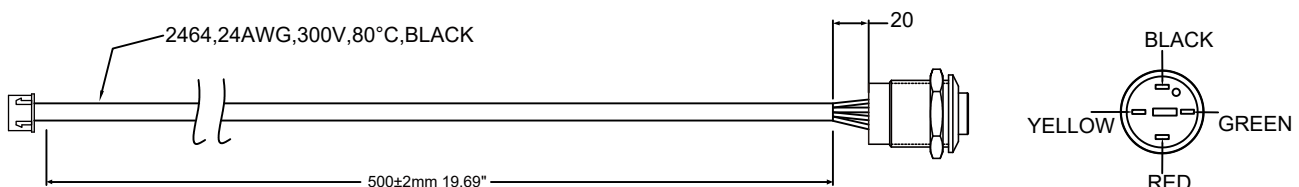
15W Battery case- 8.7"x1.2"x1.18"
221mmx30.5mmx30mm
mounting center-8.43"



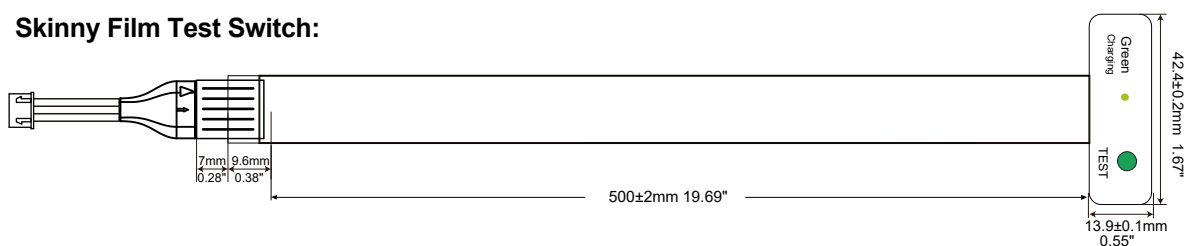
20W Battery case- 6.46"x2.2"x1.22"
164mmx56mmx31mm
mounting center-6.19"

OPTIONAL TEST SWITCH

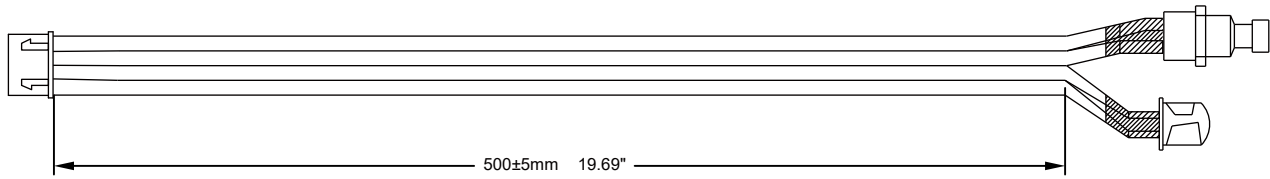
Metal Test Switch:



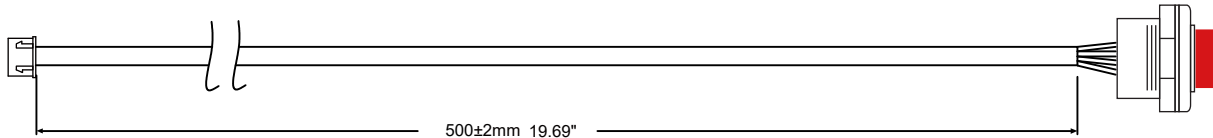
Skinny Film Test Switch:



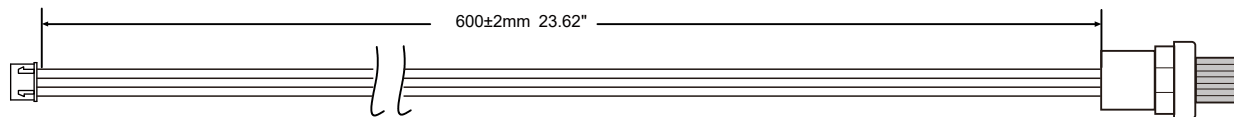
Split Test Switch:



M16 Plastic Test Switch:



M12 Plastic Test Switch:

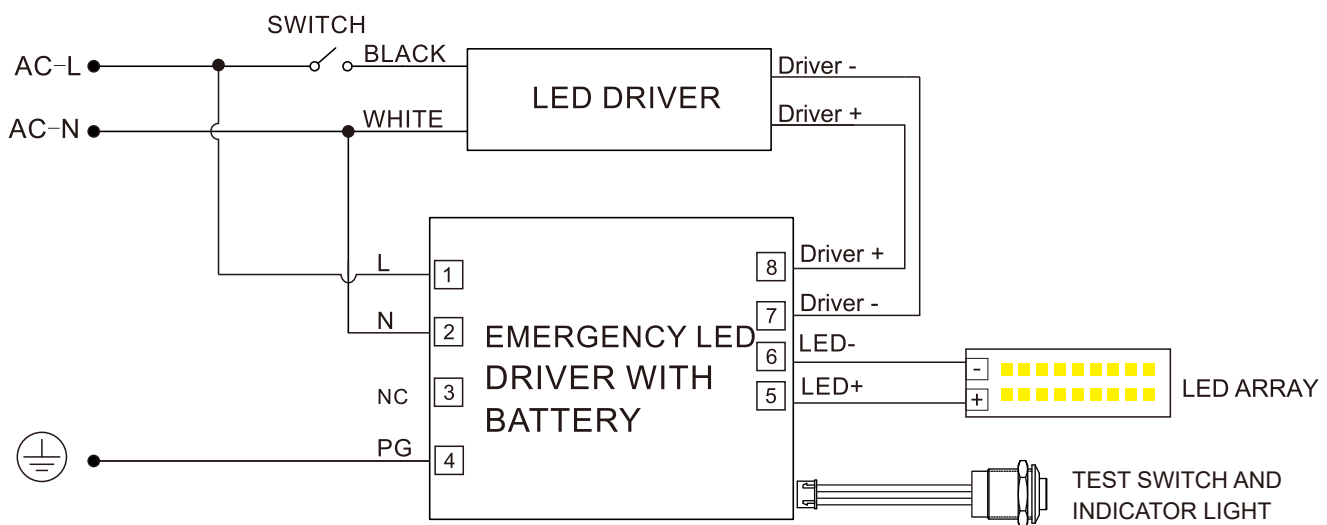


OPERATION

AC Operation: AC power is present, the LED load from the LED driver is normal power supply, AC LED driver output current can not exceed 4A, the emergency driver is charging in a standby mode, the red/green LED light on to indicate that it is charging.

Emergency Operation: When the AC power goes out, the emergency driver detects the AC power outage and automatically switch to the working emergency mode, the red/green LED light off. When the AC power is restored, the emergency driver backs to AC power working and starts re-charging, the red/green LED light on resumes battery charging.

WIRING DIAGRAM



1. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
2. TEST ACCESSORY LEADS-OBSERVE PROPER POLARITY WIRING.
3. PRESS TEST SWITCH TWICE TO CUT OFF THE EMERGENCY MODE FOR SHIPMENT AND STORAGE.

INSTRUCTION MANUAL

IMPORTANT SAFEGUARDS

When using electrical equipment, basic safety precautions should always be followed including the following:



CAUTION: Before installation, make certain the AC power is off.

READ AND FOLLOW ALL SAFETY INSTRUCTIONS.

- CAUTION: This emergency LED driver provides more than one power supply output source. To reduce the risk of electrical shock, servicing of this equipment should be performed by qualified personnel only.
- CAUTION: Do not connect the battery pack connector until all other wiring are complete and AC power is on.
- CAUTION: This emergency LED driver requires an un-switched AC power source of 100-347Vac, 50/60Hz. The AC driver must be on the same branch circuit as the emergency LED driver. Ambient temperature: 5°C to 60°C.
- CAUTION: The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition, void warranty, and result in non-compliance with UL specifications.
- CAUTION: Use with grounded, UL listed, dry, or damp location-rated fixtures, and the case should be grounded.
- CAUTION: Do not use outdoors. Do not mount near gas or electric heaters.
- CAUTION: Do not attempt to service the battery. A sealed, non-maintenance battery is used that is not field replaceable. Replace the entire unit when necessary.
- CAUTION: Do not use this equipment for other than its intended use. The emergency LED driver is not for in an air-handling fixture.
- CAUTION: The emergency LED driver should be mounted in locations and at heights where it will not be subjected to tampering by unauthorized personnel.
- IMPORTANT: Please charge the battery consistently for >24 hours for the first time usage to activate the whole battery cells of discharging/charging duration.
- IMPORTANT: Customers are advised to charge emergency LED drivers 24 hours every 6 months during storage, which could be stocked for 1 year at most. If customers don't install and recharge for more than 1 year, the batteries may be damaged. This is not covered in the warranty, and we would charge for replacement.
- IMPORTANT: Lighting fixture manufacturers, electricians, and end-users need to ensure product system compatibility test before using and final installation.



THIS PRODUCT CONTAINS A RECHARGEABLE LI-FEPO4 BATTERY.
THE BATTERY MUST BE RECYCLED OR DISPOSED OFF PROPERLY.