

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.

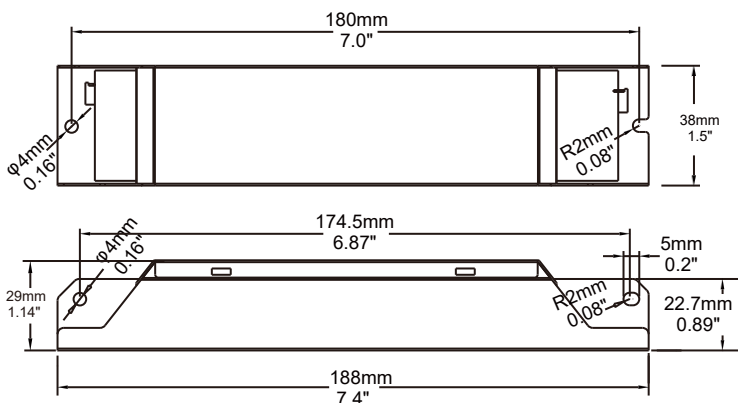
ELECTRICAL SPECIFICATIONS

- 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: $\leq 250\text{mA}$
- 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"

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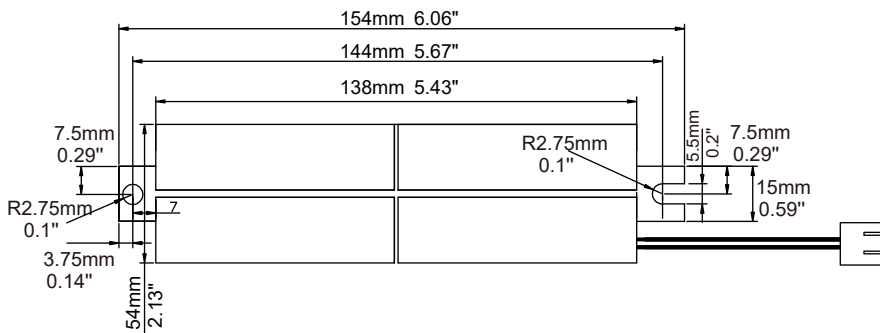
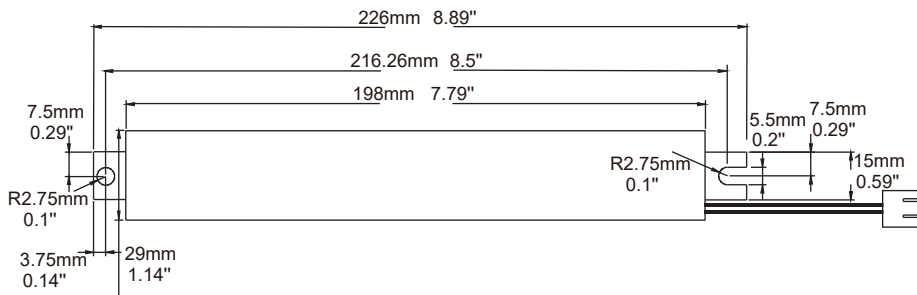
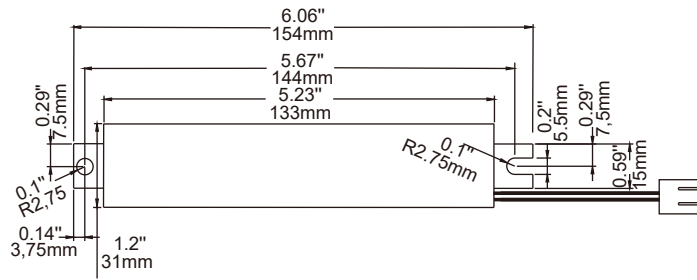
BLD-CM15H-YYY

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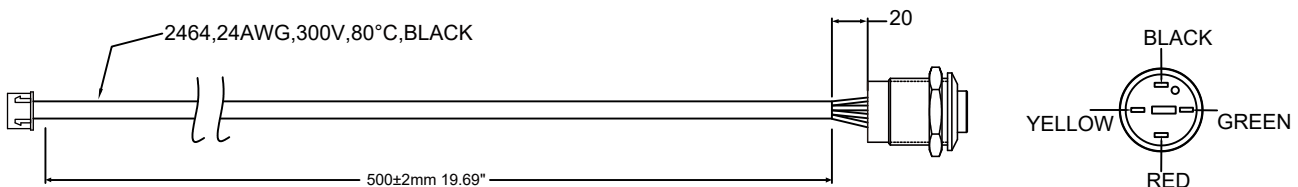
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BATTERY DIMENSIONS

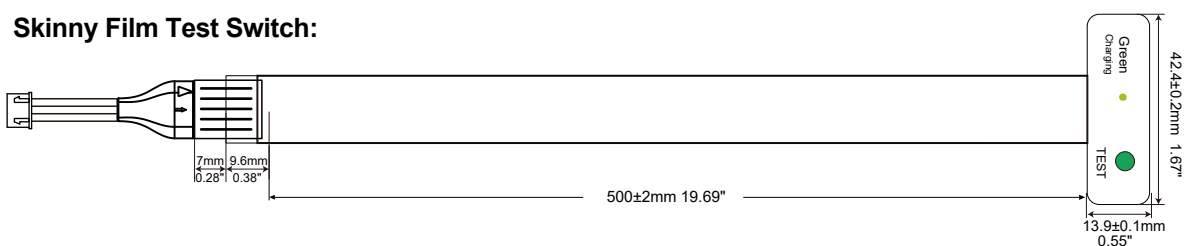


OPTIONAL TEST SWITCH

Metal Test Switch:



Skinny Film Test Switch:



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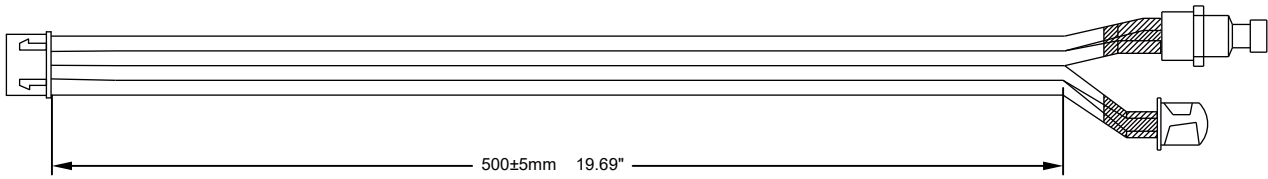
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BLD-CM15N-YYY

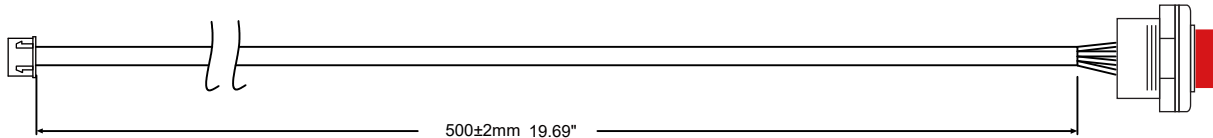
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BLD-CM20N-YYY

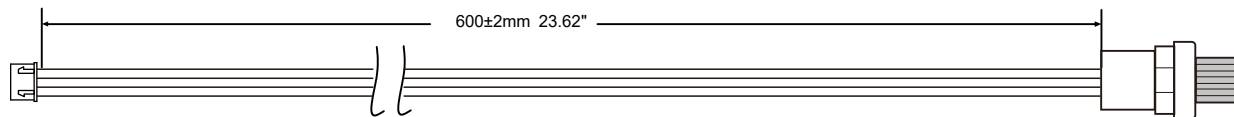
Split Test Switch:



M16 Plastic Test Switch:



M12 Plastic Test Switch:

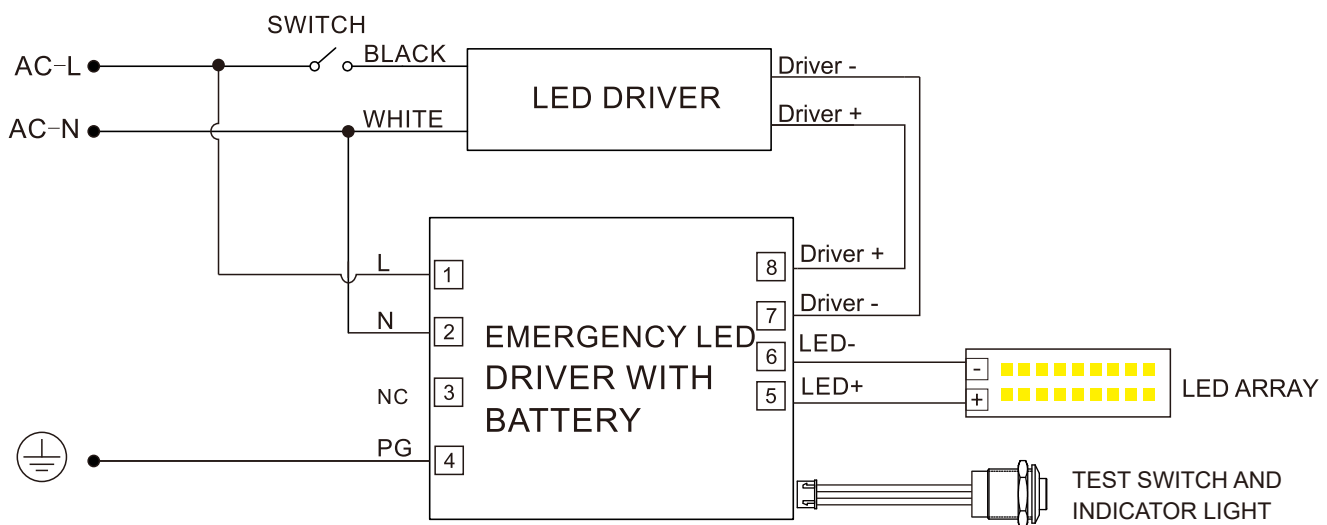


OPERATION

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 switches 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.

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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 use 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.