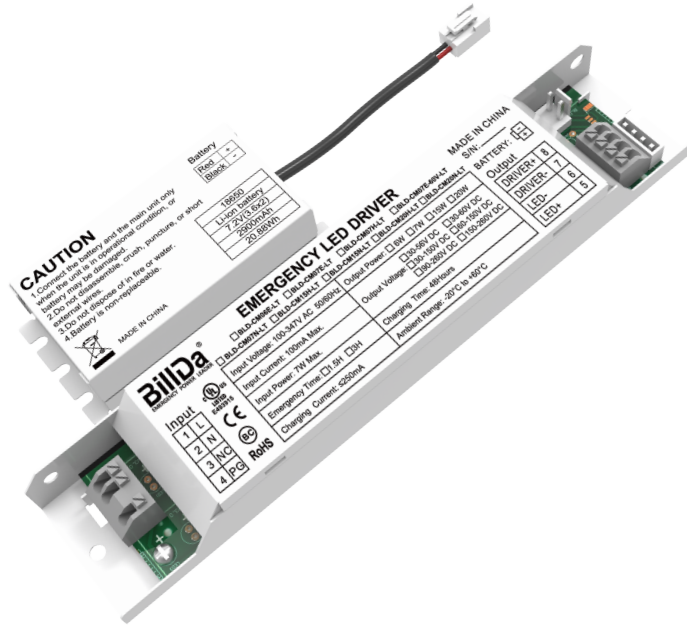


Extreme Temps(-20°C to +60°C)



FEATURES

- UL listed for factory and field installation, Standard CSA C22.2 NO.141,UL924.
- CEC Title 20 Compliant.
- External Li-ion battery.
- Constant power output.
- Battery protections:over charge protection,over discharge protection,short circuit protection.
- Indicator shows a variety working modes.
- The batteries meet 500 cycles of standard CH and standard DCH.
- 5 years warranty.

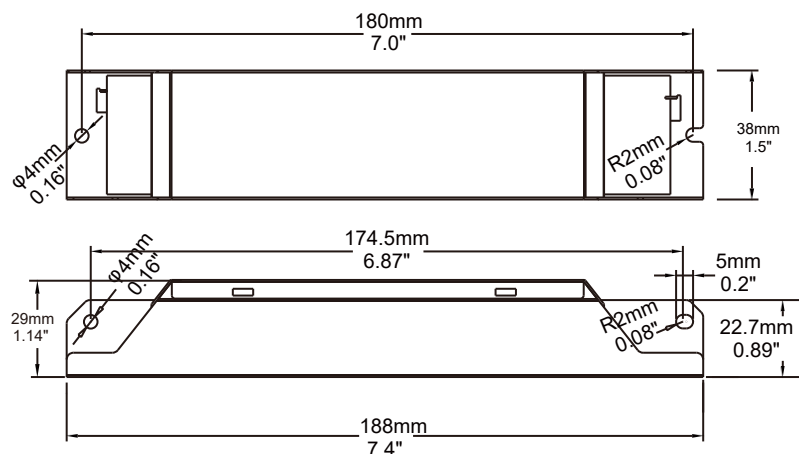
ELECTRICAL SPECIFICATIONS

- Input Voltage:100-347Vac,50/60Hz
- Input Current: 100mA max
- Input Power: 7W max
- Output Voltage: DC30-56V/DC30-60V/DC30-150V
DC60-150V/DC90-260V/DC150-260V
- Output Power: 6W/7W/15W/20W
- Recharge Time: 48 Hours
- Discharge Time: 90 minutes
- Battery: Li-ion battery
- Battery Charging Cureent: ≤250mA
- Ambient Temp: -20°C to +60°C(-4°F to 140°F)

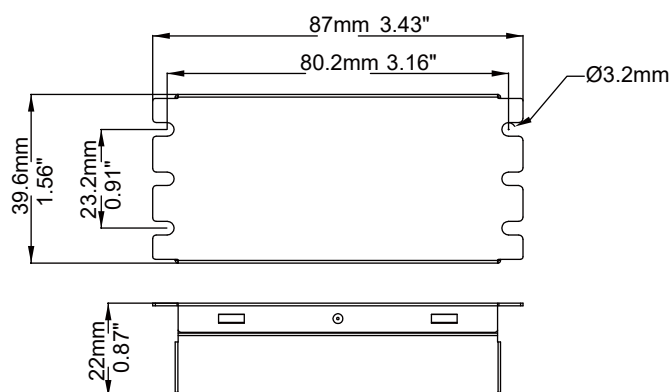
ORDERING GUIDE

Model Number	Input Voltage	Output Voltage	Output Power	Disharging Time	Battery Type
BLD-CM06E-LT	100-347V AC, 50/60Hz	30-56Vdc	6W	90 minutes	Cold rated Li-ion battery
BLD-CM07E-LT		30-56Vdc	7W		
BLD-CM07E-60V-LT		30-60Vdc	7W		
BLD-CM07H-LT		60-150Vdc	7W		
BLD-CM07N-LT		150-260Vdc	7W		
BLD-CM15H-LT		30-150Vdc	15W		
BLD-CM15N-LT		90-260Vdc	15W		
BLD-CM20H-LT		30-150Vdc	20W		
BLD-CM20N-LT		90-260Vdc	20W		

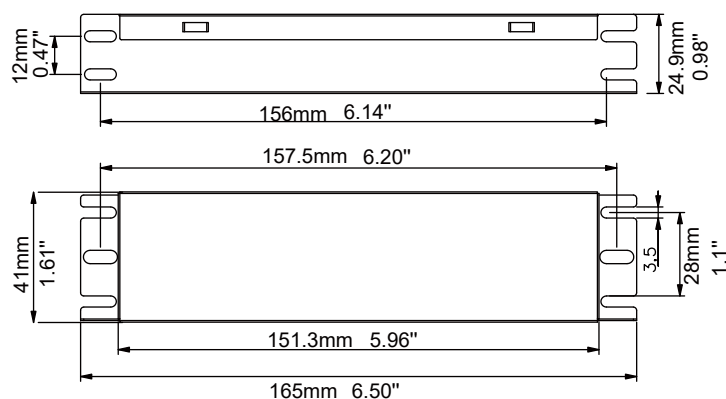
DIMENSIONS



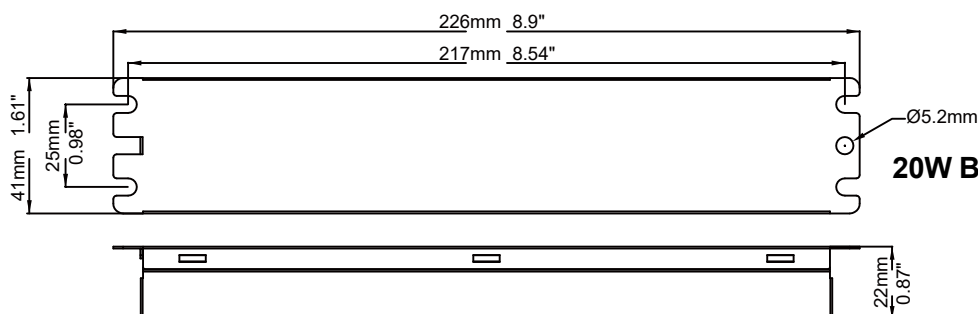
Driver- 7.4"x1.5"x1.14"
188mmx38mmx29mm
mounting center-7.0"



6W/7W Battery case- 3.43"x1.56"x0.87"
87mmx39.6mmx22mm
mounting center-3.16"

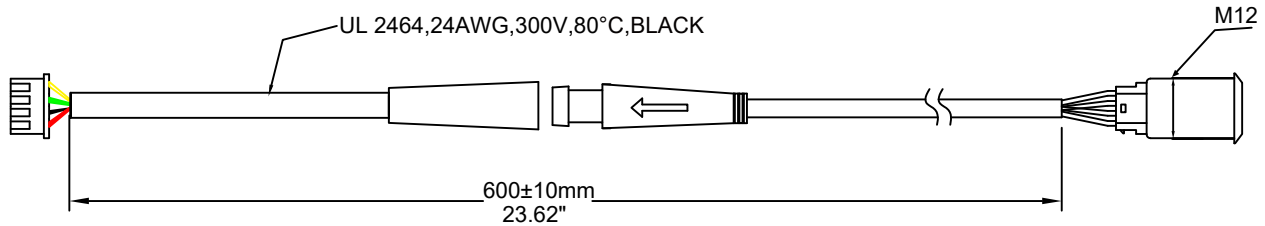


15W Battery case- 6.5"x1.61"x0.98"
165mmx41mmx24.9mm
mounting center-6.2"

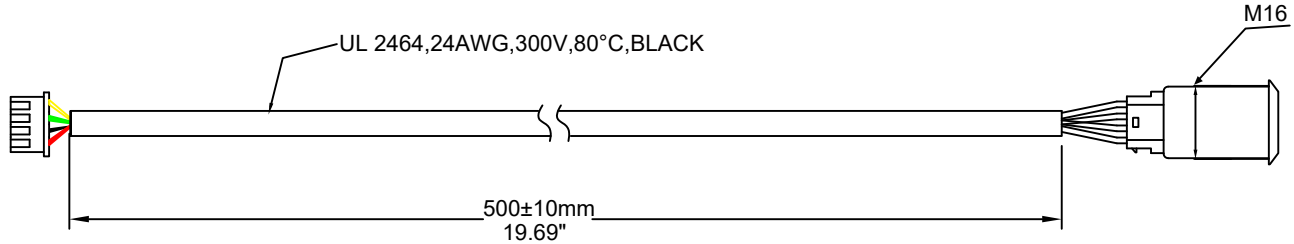


20W Battery case- 8.9"x1.61"x0.87"
226mmx41mmx22mm
mounting center-8.54"

M12 Metal Test Switch:



M16 Metal Test Switch:

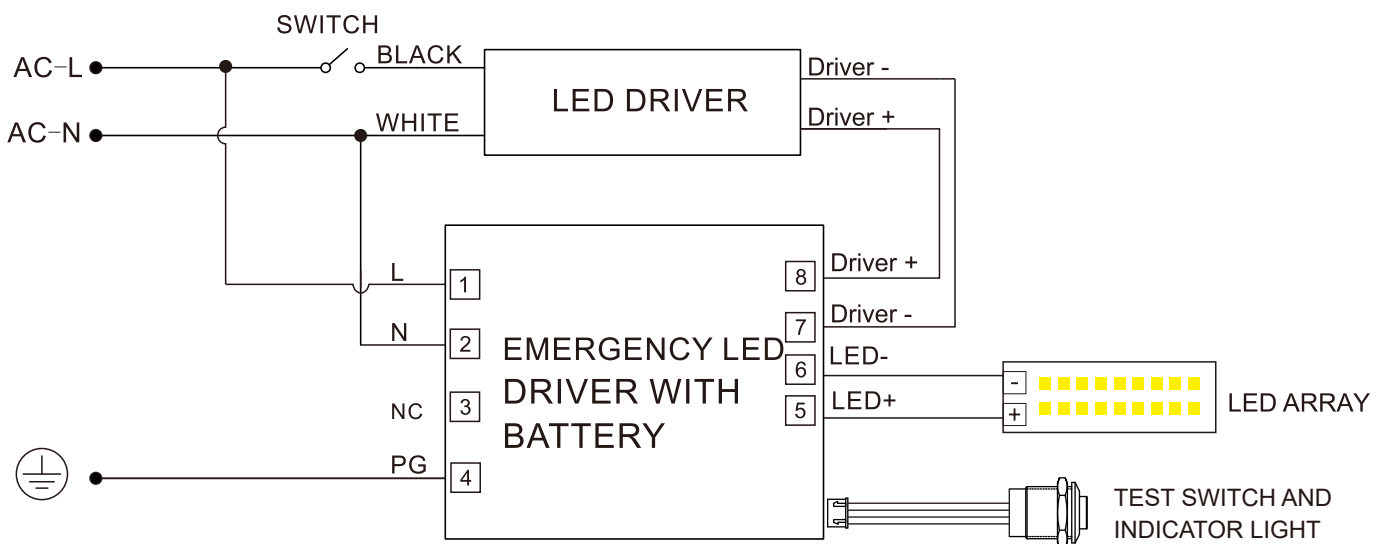


OPERATION

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 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 LED light off. When the AC power is restored, the emergency driver backs to AC power working and starts re-charging, the red 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.DURING EMERGENCY MODE,PRESS TEST SWITCH TWICE TO CUT OFF THE EMERGENCY.

INSTRUCTION MANUAL

IMPORTANT SAFEGUARDS

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

READ AND FOLLOW ALL SAFETY INSTRUCTIONS.

- CAUTION: This equipment 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: Before installing, make certain the AC power to the fixture is off. Do not connect the battery pack connector until all other wirings are complete and AC power is on.
- CAUTION: This LED Emergency Backup unit requires an un-switched AC power source of 100-347Vac, 50/60Hz. The AC driver must be on the same branch circuit as the LED Emergency Backup unit.
- CAUTION: Do not use outdoors.
- CAUTION: Do not mount near gas or electric heaters.
- CAUTION: Equipment should be mounted in locations and at heights where it will not be subjected to tampering by unauthorized personnel.
- CAUTION: The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
- CAUTION: Do not use this equipment for other than its intended use. The emergency battery pack is not for in an air-handling fixture.
- CAUTION: Use with grounded, UL-listed, dry, or damp location-rated fixtures, and the case should be grounded.
- CAUTION- Press the test button twice to turn off the emergency before shipment and storage.
- IMPORTANT: Please charge the battery consistently for >48 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 48 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.