J-Box Emergency Battery Backup
Installation Instructions

THIS INSTALL MANUAL IS APPLICABLE FOR
MODEL NO : DL-BBU-DV1-13W

SAFETY INFORMATION

IMPORTANT

THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE NATIONAL ELECTRICAL CODE AND LOCAL BUILDING CODES BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

PRECAUTIONS

- ☐ Please read and understand this entire manual before attempting to assemble, install, or operate this accessory.
- ☐ Some codes require installation by a qualified electrician.
- ☐ Make sure connections are secure using wire nuts, crimp-on lugs or other approved connecting devices.

WARNING: Turn the power off at the circuit breaker or fuse. Place tape over the circuit breaker switch and verify power is off at the light fixture.

CAUTION: Burn hazard. Allow the light fixture to cool before touching.

NOTICE: If using dimming function, only connect to 0-10V approved dimming switches or control system

NOTICE: FCC Regulations state that any unauthorized changes or modifications to this equipment not expressly approved by the manufacturer could void the user's authorization to operate this equipment.

INFORMATION: The device is tested and found to comply with Part 15 of the FCC Rules. Operation is subject to two conditions: (1) This device may not cause harmful interference and, (2) this device must accept any interference received, including any interference that may cause undesired operation. These limits are designed to provide reasonable protections against harmful interference when the equipment is operated in a commercial environment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

INSTALLATION

Follow the steps below to install your J-Box Emergency Battery Backup

TOOLS REQUIRED



Philips Screwdriver



Wire stripper



Electrical tape

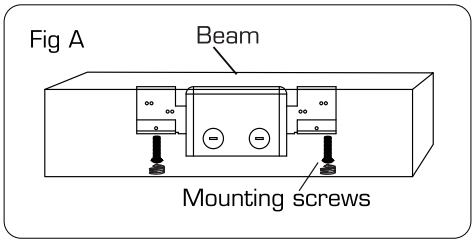
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STEP 1: Mount the Emergency Power Supply

1. Locate Position: Select a beam or structural support to mount the emergency power supply.

2. Secure the Unit: Attach the emergency power supply to the beam using the provided mounting screws (Fig A).

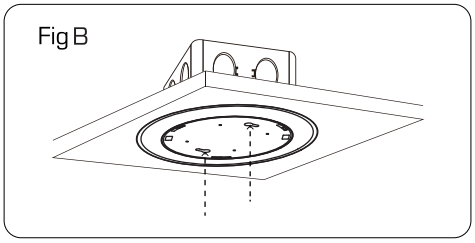


STEP 2: Connect Power Supply Wires

1. Turn Off Circuit Breaker: Ensure the power is off at the breaker.

2. Household Wiring Connection: Connect the three input wires of the emergency power supply to the household power wires:

- Connect the white wire to the neutral line.
- Connect the black wire to the live/hot line.
- Attach the green ground wire to the grounding screw or ground wire (Fig B).

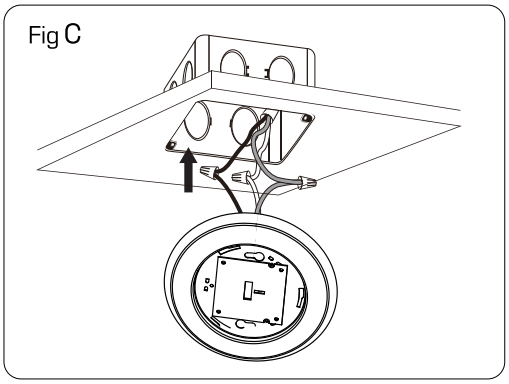


STEP 3: Connect to Fixture Wires

1. Secure the Wires: Connect the output wires from the emergency power supply to the fixture wires:

- Black (live) wire to black fixture wire.
- White (neutral) wire to white fixture wire.

2. Secure Connections:Use wire nuts for each connection and wrap with electrical tape for added security (Fig C).



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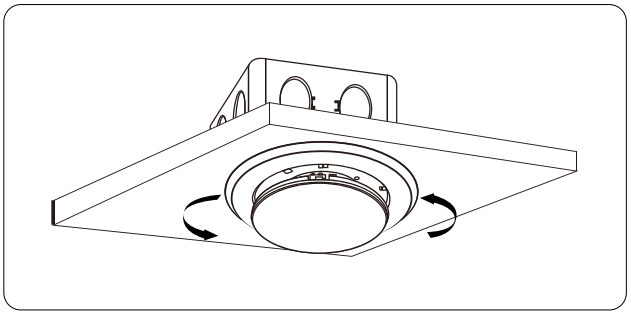
STEP 4: Install the Fixture

1. Position the Fixture: Place the fixture's mounting plate over the junction box, aligning the holes with the mounting screws.

2. Secure Fixture: Fasten the fixture with screws, ensuring it's flush against the ceiling (Fig D).

STEP 5: Reattach the Lens

Replace the Lens: Rotate the lens counterclockwise to secure it back in place (Fig E).



Operation Instructions

1. Charging Mode: When AC power is available, the emergency power supply charges the battery. A blinking red indicator means the battery is charging. Once fully charged, the red light will remain steady (Fig F).

2. Discharging Mode (Power Outage):

- If AC power fails, the emergency power supply automatically switches to backup mode, powering the fixture for up to 90 minutes.

- Once AC power is restored, the unit will switch back to charging mode, and the red indicator light will blink,then stabilize once fully charged (Fig G).

Indicator Lights:

Red On: Charging
Red Off: Discharging

Important Wiring Identification

- Red Wire: Input live wire, connects to black wire (live).
- White Wire: Input neutral line, connects to white wire (neutral).
- Brown Wire: Live output from emergency supply, connects to live input of fixture.
- Blue Wire: Neutral output from emergency supply, connects to neutral input of fixture.
- Green Wire: Ground, connects to both the fixture's ground and the ground wire of the emergency supply.

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Care and Maintenance

1. Routine Testing: Test the emergency backup system once a month to ensure it functions correctly during a power outage.

2. Battery Replacement: Replace the battery every 3-5 years or as needed for optimal performance.

3. Cleaning: Clean the fixture and backup unit with a soft, dry cloth. Avoid using water or harsh chemicals.

NOTE: The light source contained in this fixture should only be replaced by the manufacturer or qualified personnel.

Additional Information

1. Model Compatibility: Ensure that your luminaire is compatible with the installation setup.

2. Troubleshooting: If the fixture does not illuminate, ensure all wiring connections are ecure and the power supply is correctly connected.

Warranty Information

This product is warranted to be free from defects in materials and workmanship for a period of five (5) years from the date of purchase. If the product fails within this period due to a defect in materials or workmanship, Manufacturer will, at its discretion, repair or replace the product free of charge. This warranty does not cover damage caused by improper installation, misuse, abuse, or modifications to the product. Normal wear and tear, incidental or consequential damages, or labor costs associated with installation or removal are not covered under this warranty. To make a claim, please retain the original purchase receipt and contact our customer service team.