

*Before you begin, read all warnings and installation instructions thoroughly.*

## Safety & Warnings

- Install in a well-ventilated area free from explosive gases and vapors.
- This product is rated dry/indoor installations.
- Only install compatible constant voltage LED fixtures. Contact technical support or visit the online product page for compatible products.
- Do not modify or disassemble this product beyond instructions or the warranty will be void.
- Ensure applicable wire is installed between driver, fixture, and any controls in between. When choosing wire, factor in voltage drop, amperage rating, and type (in-wall rated, wet location rated, etc.). Inadequate wire installation could overheat wires, and cause fire.
- Packaging will indicate output voltage & max load. Never load the battery more than its max output rating. This may damage your battery or significantly decrease the battery discharge rate.

## Quick Specs

<b>Output Voltage</b>	10.8 ~ 12.6VDC
<b>Max Load</b>	3800mAh battery: 2A / 24W 6800mAh battery: 2A / 24W (Discontinued)
<b>Included Items</b>	<ul style="list-style-type: none"> <li>• Rechargeable battery pack</li> <li>• Battery adapter (charger)</li> <li>• Male-to-male DC extension cable</li> </ul>

## Installation

1. Charge the battery pack (see 'Charging Instructions').
2. Once charging is complete, flip the battery pack switch to OFF (O) and plug in the male-to-male DC extension cable.
3. Attach a compatible LED load. *Do not overload the battery pack.* A female DC connection is required to attach to the male-to-male DC extension cable.
4. Turn the battery pack switch to ON (–) and a **red** LED will light up on the battery pack.

## Charging Instructions

*Adapter with two LED indicator lights:*

1. Plug the adapter into a 120VAC receptacle and a **red** LED will light up on the adapter.
2. Insert the male DC plug of the adapter into the battery pack. Turn the pack ON (–) and an additional **green** LED will light up on the adapter.
3. Charging is about 98% complete when the **green** light turns off. A full charge may take between 1-3 hours.
4. Once fully charged and disconnected from the adapter, flip the battery pack switch to OFF (O) to prevent battery drainage.

*Adapter with one LED indicator light:*

1. Plug the adapter into a 120VAC receptacle and a **green** LED will light up on the adapter.
2. Insert the male DC plug of the adapter into the battery pack. Turn the pack ON (–) and the LED indicator on the adapter will change to **red**.
3. Charging is about 98% complete when the **red** light turns off. A full charge may take between 1-3 hours.
4. Once fully charged and disconnected from the adapter, flip the battery pack switch to OFF (O) to prevent battery drainage.

## Calculating Battery Discharge Rate

To calculate the battery discharge rate or how long the battery will power a fixture, divide the **Battery Capacity** in **milliamp hours (mAh)** by the **Fixture Power Consumption** in **milliamperes (mA)**.

$$\text{Battery Capacity (mAh)} / \text{Fixture Power Consumption (mA)} = \text{Battery Discharge Rate (hours)}$$

For example, let's say your battery has a capacity of **6800mAh** and you have **5 ft.** of strip light rated at **120mA/ft. (or 1.44W/ft.)**. First, determine the total power consumption by multiplying **120mA x 5ft. = 600mA**. Next, divide **6800mAh / 600mA = 11.333 hours**. Therefore, the battery will power the fixture (or discharge) for **11.333 hours**.

*Never load the battery more than its max output rating. This may damage your battery or significantly decrease the Battery Discharge Rate.*

## Troubleshooting

- **Lights to not light up:** Ensure battery pack is fully charged and switched to ON (–). A **red** light on the battery pack indicates the pack is ON. Additionally, if the fixture is hard-wired, ensure polarity (+/- wires) to the fixture is correct.
- **Battery pack does not charge:** Ensure the battery pack is switched to ON (–) when charging. Follow the 'Charging' instructions carefully.

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