



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 sales or visit the online product page (www.cinemills.com) for compatible products.
- Do not modify or disassemble this product beyond instructions or the warranty will be void.
- 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

Input Voltage	10.8 ~ 12.6VDC	Environment	Indoor only
Ambient Temp †	-4 ~ +122°F (-10 ~ +50°C)		
Max Load	3800mAh battery: 2A/24W 6800mAh battery: 2A/24W	Included Items	<ul style="list-style-type: none"> • Rechargeable battery pack • Battery adapter (charger) • Male-to-male DC extension cable

† Do not install product in an environment outside the listed ambient temperature. Ensure adequate airflow and heatsinking is considered when mounting/installing.

Charging Instructions

Battery pack must be turned ON (-) to properly charge.

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 1-10 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 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 1-10 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 milliamps (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 **120mAh/ft. (or 1.44W/ft.)**.

First determine the total power consumption by multiplying **120mAh x 5 ft. = 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

Battery is not charging	<ul style="list-style-type: none"> • Ensure the battery pack is turned ON (-) when charging. A full charge may take between 1-10 hours.
Battery is not holding charge	<ul style="list-style-type: none"> • Verify the battery is fully charged and not overloaded. The maximum load is 2A/24W. Exceeding this load will drain the battery.

