

MODLITE 18650 BATTERY - MODLITE SYSTEMS MODLITE 18650 PROTECTED CELL BATTERY

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This is the cell Modlite recommends for the PLHv2 and OKW light heads. This cell will also work with the Surefire® M600DF and Streamlight HL-X lights for optimum performance. This is the best batteries Modlite offers for high discharge flashlights. The cell inside the battery is made by LG Chem in Korea. Modlite then adds a high quality protection PCB/BMS along with the button/nipple top in an ISO 9001 certified factory to all safety standards. A black wrap is put over the top to hold it together. These are manufactured with a very high quality PCB including a Japanese Ricoh protection IC for 18A high current cutoff (most PCBs will not be able to handle this much current). This protection circuit protects the battery from mishandling, overcharge, or over discharge while allowing the battery to do its job properly. Quick Specs: Max Continuous Discharging Current: 10A Typical Capacity: 3500 mAh Style: Button Top Approximate Dimensions (including button): 69.1mm length x 18.6 mm diameter Maximum Length: 69.6mm Discharge cut-off voltage: 2.5V (approximate) Voltage: 3.6V Full Charge Voltage: 4.2V Charge Current: 1.5A standard Protection Cutoff Current: ~18A



Attributes

- Name: [MODLITE SYSTEMS MODLITE 18650 PROTECTED CELL BATTERY](#)
- Manufacturer: [MODLITE SYSTEMS](#)
- Product no.: 100042517
- Mfr. No.: BATTML18650
- Delivery weight: 0.113kg
- Shipping height: 38mm
- Shipping width: 89mm
- Shipping length: 13mm
- UPC: 850008965114

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MODLITE 18650 Battery Safety Instruction Guide

Introduction

Thank you for choosing the MODLITE 18650 Protected Cell Battery. This guide provides essential safety instructions to ensure the safe use and handling of your battery, in compliance with the EU General Product Safety Regulation (GPSR). Please read this guide carefully before using the product.

General Safety Guidelines

- Ensure that the battery is compatible with your device before use. This battery is recommended for use with the PLHv2 and OKW light heads, as well as Surefire® M600DF and Streamlight HLX lights.
- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- Keep the battery out of reach of children and pets to prevent accidental ingestion or misuse.
- Regularly inspect the battery for any signs of damage, such as swelling, leakage, or corrosion, and discontinue use if any defects are found.
- Do not expose the battery to water, fire, or extreme mechanical shock.

Specific Safety Precautions for Use

- Do not attempt to disassemble or modify the battery in any way.
- Use only chargers specifically designed for the MODLITE 18650 battery to avoid overcharging or overheating.
- Avoid shortcircuiting the battery terminals by keeping them covered when not in use.
- Do not mix the battery with different brands or types of batteries.
- Ensure that the battery is inserted correctly in your device, observing the correct polarity (positive and negative).
- If the battery becomes excessively hot during use or charging, remove it from the device immediately and allow it to cool down.

Instructions for Installation and Usage

1. Installation:

- Remove the battery from its packaging carefully.
- Ensure that the device is turned off before inserting the battery.
- Insert the battery into the device, ensuring that the positive terminal (button top) is aligned with the positive contact in the device.
- Secure the battery compartment as per the device's instructions.

2. Usage:

- Turn on the device according to the manufacturer's instructions.
- Monitor the performance of the device and the battery during use.
- If the device shows signs of malfunction or the battery shows signs of distress (e.g., swelling, excessive heat), turn off the device and remove the battery immediately.

3. Charging:

- Use a compatible charger rated for the MODLITE 18650 battery.
- Connect the charger to a suitable power source.
- Insert the battery into the charger, ensuring correct polarity.
- Allow the battery to charge fully, as indicated by the charger's status light.
- Once charged, remove the battery from the charger promptly to prevent overcharging.

Disposal Instructions

- Dispose of the battery in accordance with local regulations for battery disposal. Do not throw the battery in household waste.
- Many retailers and community programs offer battery recycling services. Check for local battery recycling programs to ensure safe disposal.
- If the battery is damaged or leaking, handle it with care and follow local hazardous waste disposal guidelines.

Contact Information for Further Support

For any safety inquiries or assistance regarding the MODLITE 18650 battery, please refer to the appropriate contact resources available in your region.

About Us

Brownells UK

Brownells UK - World's Largest Supplier of Gun Parts, Gunsmith Tools & Shooting Accessories

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