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Kastar BA-4B-ID682-A

Kastar Battery 4-Pack User Manual

Replacement Batteries for Petzl Headlamps

Introduction

This manual provides essential information for the safe and effective use of your Kastar 4-Pack Replacement Batteries. Please read this manual thoroughly before use and retain it for future reference.
These batteries are designed as high-capacity replacements for various Petzl headlamp models, offering extended power and reliable performance.

Product Features

- **High Capacity:** 1250mAh Lithium-ion battery for extended runtime.
- **USB-C Charging:** Convenient charging via USB-C port.
- **Safety Protections:** Built-in over-charge, over-discharge, over-voltage, over-current, and over-heating protection circuits.
- **Compatibility:** Designed for Petzl E99ACA Battery and various Petzl Hybrid Concept Design Headlamps.

Package Contents

- 4 x Kastar Replacement Batteries
- 1 x USB-C Charging Cable



Image: Four Kastar replacement batteries, showing the front with "Kastar For ID682 3.6V 1250mAh 4.5Wh Li-ion Battery Pack" and a USB-C input port.

Setup

Initial Charging

1. Before first use, fully charge all Kastar batteries.
2. Connect the supplied USB-C charging cable to the battery's USB-C port.
3. Connect the other end of the USB-C cable to a compatible USB power source (e.g., wall adapter, computer USB port).
4. The battery features a red/green charging indicator light. A red light indicates charging, and a green light indicates a full charge.



Image: A single Kastar battery shown with a USB-A to USB-C charging cable, illustrating the USB-C input port on the battery.

Battery Installation

Refer to your specific Petzl headlamp's user manual for detailed instructions on how to open the battery compartment and correctly install the replacement battery. Ensure the battery is inserted with the correct polarity.

Operating Instructions

Once installed, the Kastar battery functions identically to the original Petzl E99ACA battery. Operate your headlamp as per its original instructions.

Charging During Use

The battery can be charged independently or while installed in compatible Petzl headlamps that support in-device charging via USB-C. Always ensure the charging port is clean and dry before connecting the cable.

Maintenance and Storage

- Keep batteries clean and dry. Wipe with a soft, dry cloth if necessary.
- Store batteries in a cool, dry place away from direct sunlight and extreme temperatures.
- For long-term storage, charge batteries to approximately 50% capacity. Recharge every 3-6 months to prevent deep discharge.
- Do not expose batteries to water or fire.
- Do not disassemble, modify, or apply solder to the batteries.
- Avoid shorting the terminals of the batteries. Keep them away from metal objects that can cause shorting.
- Do not tear or remove the outer label of the batteries.

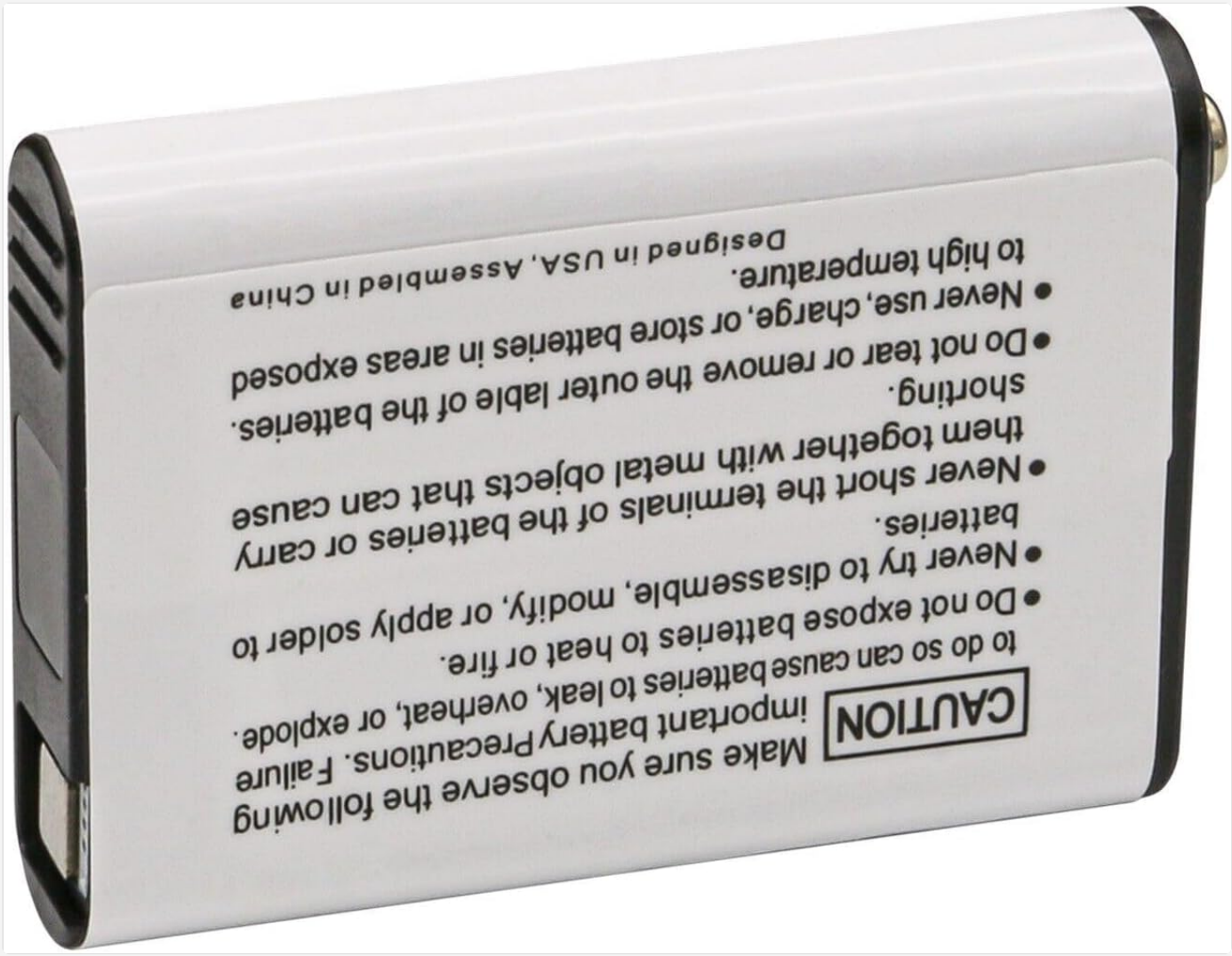


Image: The back of a Kastar battery showing caution labels regarding proper handling, storage, and disposal to ensure safety.

Troubleshooting

Problem	Possible Cause	Solution
Battery not charging	Loose cable connection; Faulty USB power source; Damaged battery/cable	Ensure cable is securely connected. Try a different USB port or power adapter. Inspect cable and battery for damage.

Problem	Possible Cause	Solution
Headlamp not powering on with new battery	Battery not fully charged; Incorrect battery installation; Headlamp issue	Fully charge the battery. Re-install the battery ensuring correct polarity. Test with another known good battery if available. Consult headlamp manual.
Short runtime after full charge	Battery degradation; Extreme operating temperatures	Ensure battery is used within recommended temperature ranges. If issue persists, battery may need replacement.

Specifications

- **Model Number:** BA-4B-ID682-A
- **Battery Type:** Lithium-ion
- **Battery Voltage:** 3.6V
- **Battery Capacity:** 1250mAh
- **Energy:** 4.5Wh
- **Input:** 5V (USB-C)
- **Dimensions:** 1.75" x 1.25" x 0.63" (4.45 cm x 3.18 cm x 1.60 cm)
- **Weight:** 0.8 Oz (22.7 g) per battery
- **Safety Standards:** UL1642 & CE compliant

Compatibility

These Kastar replacement batteries are compatible with the Petzl E99ACA Battery and the following Petzl headlamp models:

- PETZL HYBRID CONCEPT Design Headlamp
- TIKKINA
- TIKKID
- TIKKA
- ZIPKA
- ACTIK
- ACTIK CORE
- TACTIKKA
- TACTIKKA +
- TACTIKKA + RGB
- IKO
- IKO CORE

Safety Precautions

WARNING: Failure to observe these important battery precautions can cause batteries to leak, overheat, or explode.

- Never use, charge, or store batteries in areas exposed to high temperature.

- Do not short the terminals of the batteries or carry them together with metal objects that can cause shorting.
- Never try to disassemble, modify, or apply solder to batteries.
- Do not expose batteries to heat or fire.
- Do not expose batteries to water.
- Keep out of reach of children.
- Dispose of used batteries according to local regulations. Do not dispose of in household waste.

Warranty and Support

Kastar products are designed for quality and reliability. For warranty information or technical support, please contact Kastar customer service through their official website or the retailer where the product was purchased.
Please have your product model number (BA-4B-ID682-A) and purchase details ready when contacting support.

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