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Blackfire BBM6412

Blackfire BBM6412 Rechargeable Weatherproof Magnetic Flashlight with Lantern

User Instruction Manual



INTRODUCTION

Thank you for choosing the Blackfire BBM6412 Rechargeable Weatherproof Magnetic Flashlight with Lantern. This versatile and durable lighting tool is designed for various outdoor and work applications, offering both focused illumination and area lighting. Its robust construction and intelligent features ensure reliable performance in challenging environments.



Image: The Blackfire BBM6412 flashlight, showcasing its dual functionality as a flashlight and a lantern, with water splashing to highlight its weatherproof capabilities.

SAFETY INFORMATION

Please read all safety warnings and instructions carefully before using this product to ensure safe operation and prevent injury.

- **Eye Safety:** Do not shine the flashlight directly into eyes. The high lumen output can cause temporary vision impairment or damage.
- **Battery Safety:** This product contains a Lithium-Ion battery. Do not expose to extreme temperatures, puncture, or disassemble. Dispose of batteries according to local regulations.
- **Water Resistance:** The flashlight is IP66 rated for water and dust resistance. This means it is protected against powerful water jets and dust ingress. It is not designed for submersion. Ensure the USB-C charging port is securely closed when not charging to maintain water resistance.
- **Magnetic Field:** The magnetic end cap may affect sensitive electronic devices or magnetic media. Keep away from pacemakers, credit cards, and hard drives.

- **Children:** Keep out of reach of children. This is not a toy.

PACKAGE CONTENTS

Verify that all items are present upon opening the package:

- Blackfire BBM6412 Flashlight with integrated battery
- USB-C Charging Cable
- Removable Pocket Clip (pre-installed or included separately)

PRODUCT FEATURES

The Blackfire BBM6412 is engineered with several key features for optimal performance and user convenience:

- **Durable Construction:** Rated for a 10-foot drop and IP66 water-resistant and dustproof, ensuring resilience in harsh outdoor conditions.
- **Versatile Lighting:** Offers 5 distinct light modes, including a powerful flashlight and an integrated lantern function.
- **High Output:** Delivers up to 500 lumens in flashlight mode and 375 lumens in work light mode.
- **Magnetic End Cap:** Allows for hands-free mounting on metallic surfaces, enhancing utility as a work light.
- **Side-Barrel LEDs:** Provides broad area illumination when used as a lantern.
- **Removable Pocket Clip:** For convenient and secure carrying.
- **Last Mode Memory:** The flashlight powers on in the last used mode, eliminating the need to cycle through settings.
- **Tri-color LED Battery Indicator:** Provides clear indication of battery life and charging status.
- **USB-C Rechargeable:** Easy and convenient charging via the integrated USB-C port.
- **Glow-in-the-Dark Ring:** A glow ring locator on the bezel charges when the flashlight is on, making it easy to find in the dark.



Image: Detailed views of the Blackfire BBM6412, highlighting its various components including the model number, weatherproof marking, USB-C charging port, and pocket clip.

SETUP

Initial Charging

Before first use, fully charge your Blackfire BBM6412 flashlight.

1. Locate the charging collar near the base of the flashlight.
2. Twist the charging collar to reveal the USB-C charging port.
3. Connect the provided USB-C cable to the flashlight's port and the other end to a USB power source (e.g., wall adapter, computer USB port).
4. The tri-color LED indicator will show charging status:
 - **Red:** Charging
 - **Green:** Fully Charged
5. Once fully charged, disconnect the cable and twist the charging collar back to securely cover the USB-C port to maintain water resistance.



Image: The Blackfire BBM6412 flashlight connected to a USB-C charging cable, with the green indicator light signifying a full charge.

OPERATING INSTRUCTIONS

Power On/Off and Mode Selection

The Blackfire BBM6412 features a single button for power control and mode cycling.

- **To Turn On:** Press the power button once. The flashlight will activate in the last used mode (Last Mode Memory).
- **To Cycle Modes:** While the flashlight is on, press the power button repeatedly to cycle through the 5 available modes:
 1. Flashlight High (500 Lumens)
 2. Flashlight Low (315 Lumens)
 3. Work Light High (375 Lumens)
 4. Work Light Medium (235 Lumens)
 5. Work Light ECO (35 Lumens)

- **To Turn Off:** Press and hold the power button for approximately 1 second. The flashlight will remember the current mode for the next power-on.

Lantern Function and Magnetic Mounting

The side-barrel LEDs and magnetic end cap provide versatile hands-free lighting options.

- When cycling through modes, the "Work Light" settings activate the side-barrel LEDs, transforming the flashlight into a lantern.
- The strong magnetic end cap allows you to attach the flashlight to any ferrous metal surface, providing convenient overhead or angled lighting.



Image: The Blackfire BBM6412 in use as a lantern, with light radiating from its side-barrel LEDs, ideal for illuminating an area.

MAGNETIC MOUNTING



Image: The Blackfire BBM6412 flashlight demonstrating its magnetic mounting capability, securely attached to a metal object for hands-free operation.



Image: The Blackfire BBM6412 flashlight clipped to a jacket, illustrating its utility as a hands-free work light or personal illumination device.

Glow-in-the-Dark Ring

The glow ring on the bezel charges when the flashlight is active, providing a subtle glow that helps locate the flashlight in complete darkness.



GLOW-IN-THE-DARK RING

Image: The Blackfire BBM6412 flashlight showcasing its glow-in-the-dark ring, which helps in locating the device in low-light conditions.

MAINTENANCE

Cleaning

To maintain the performance and appearance of your flashlight:

- Wipe the exterior with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Ensure the USB-C port cover is clean and free of debris before closing to maintain water resistance.

Storage

When storing the flashlight for extended periods:

- Store in a cool, dry place away from direct sunlight and extreme temperatures.
- For optimal battery health, charge the flashlight fully every 3-6 months, even if not in use.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Flashlight does not turn on.	Battery is depleted.	Charge the flashlight using the provided USB-C cable.
Flashlight does not charge.	USB-C cable not properly connected or damaged. Power source issue. Charging port obstructed.	Ensure the USB-C cable is fully inserted. Try a different USB-C cable or power source. Check the charging port for debris and clear if necessary. Ensure the charging collar is twisted open.
Light output is dim.	Low battery level.	Recharge the flashlight.
Flashlight turns off unexpectedly.	Low battery level. Overheating (unlikely for normal use).	Recharge the flashlight. If overheating is suspected, allow the unit to cool down before resuming use.

SPECIFICATIONS

Attribute	Detail
Model Number	BBM6412
Brand	Blackfire
Light Source	LED
Max Lumens (Flashlight)	500 Lumens (High)
Max Lumens (Work Light)	375 Lumens (High)
Run Time (Flashlight High)	7 hours
Run Time (Flashlight Low)	10 hours
Run Time (Work Light High)	10 hours
Run Time (Work Light Medium)	11 hours
Run Time (Work Light ECO)	30 hours
Power Source	Battery Powered (Lithium Ion)
Charging	USB-C
Voltage	5 Volts
Durability	10-Foot Drop Rated, IP66 Water & Dust Resistant
Material	Anodized Aluminum

Attribute	Detail
Color	Orange/Black
Dimensions	20.32 x 10.16 x 5.08 cm
Weight	259 g

WARRANTY AND SUPPORT

For warranty information, product support, or to inquire about replacement parts, please visit the official Blackfire website or contact their customer service department. Keep your proof of purchase for warranty claims.

Website: www.blackfire.com

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Related Documents - BBM6412

	<p>Blackfire BFX-C20 Bluetooth Controller for PS4™ - User Manual</p> <p>Comprehensive user manual for the Blackfire BFX-C20 Bluetooth Controller for PS4™. Details features, setup, charging, safety, and troubleshooting for this wireless gaming accessory.</p>
	<p>Blackfire PAC505 Portable Power Station Instruction Manual</p> <p>Comprehensive instruction manual for the Blackfire PAC505 portable power station, detailing its features, specifications, operating instructions, troubleshooting, and maintenance. This 505Wh lithium-ion power station offers versatile charging options including AC outlets, USB-A, and USB-C ports.</p>
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