



HURRICANE 620 LUMEN  
GENERAL PURPOSE LED FLASHLIGHT

FG-B25

USER MANUAL



VULTA™

## Thank you for choosing Vulta.

The Vulta Hurricane FG-B25 projects a crisp, white light with a 620-lumen maximum output. Designed as a reliable, general-purpose flashlight, the FG-B25's four constant-on modes provide a range of illumination options depending on your needs—whether it's sending a bright beam of light down the street or a low glow for reading a map on the side of the highway. In addition to constant-on, there are strobe and SOS modes for emergency situations and signal communication. The intuitive side-button system activates the flashlight and changes modes and output power.

The Hurricane FG-B25 incorporates the CREE XM-L2, a breakthrough LED market-leader, which combines high

efficiency with high drive-current. The LED is housed in an ultraclear, tempered glass lens that optimizes resistance to impacts and scratches and maximizes throw distance.

Crafted from MIL-SPEC Type III hard anodized aluminum alloy with a stainless-steel bezel, and with a waterproof rating of IPX-8, the Hurricane FG-B25 is a rugged tool that will withstand harsh environments. The removable titanium-alloy clip can mount the unit for hands-free use and easy transportation. And at only 4" long, this compact, everyday-carry flashlight is just at home in a pocket as it is in a pocketbook.

## PRECAUTIONS ⚠️⚡

- Please read and follow these instructions and keep this manual in a safe place.
- This flashlight is extremely bright and can cause temporary or even permanent blindness. Do not shine the flashlight in the eyes of any person or animal. When powering on the flashlight, make sure to point it down or away from you and anyone else.
- The surface of this product can become hot after prolonged use. Be careful when touching it, and make sure to keep it away from anything flammable or combustible.
- Do not stand the flashlight upright on its lamp head when powered on. In this position, the lamp head can become dangerously hot and damage the flashlight and anything nearby.
- Never leave the flashlight unattended when it is powered on.
- Before storage and transportation, make sure to lock the flashlight according to the instructions in this manual. Before long-term storage, remove the batteries and store them in a cool and dry place to avoid leakage.

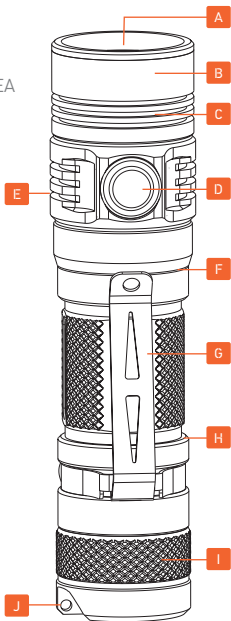
- Always install batteries of the same type, brand, and age. Do not combine different types or brands, or old and new batteries.
- Install the batteries in the proper orientation as indicated by the instructions in this manual.
- This product is waterproofed for freshwater only. If it comes into contact with salt water, immediately dry the flashlight and remove the batteries, reassemble, and rinse with freshwater. Dry thoroughly and install new batteries.
- Do not attempt to disassemble or repair this product. It is dangerous and will also void the warranty.
- Keep this product away from children. Do not leave children unattended near this product.
- Use only parts provided by the manufacturer.
- Make sure that this product is intact and that there are no missing parts.
- To avoid damage to this product, be careful not to overtighten or improperly thread any of the threaded fittings.
- All photos are for illustrative purposes only.

## PRODUCT DIAGRAM

- A** LED
- B** LAMP HEAD
- C** HEAT SINK AREA
- D** SIDE BUTTON
- E** LOW-VOLTAGE WARNING LED
- F** O-RING
- G** REMOVABLE CLIP
- H** O-RING
- I** TAILCAP
- J** LANYARD EYELET

### Also Included:

- HOLSTER
- LANYARD
- SPARE O-RING
- USER MANUAL
- TWO-YEAR LIMITED WARRANTY



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VULTA HURRICANE

## A Note about Maximum Output

When the flashlight is in High mode, the battery discharge, drive circuit, and LED will all be producing heat, and the lamp head may become extremely hot. Please be cautious when touching it. To protect the battery, circuit, and LED, and to extend the lifetime of the flashlight, we do not recommend continuously running the flashlight on High mode for more than 10 minutes.

## INSTALLING BATTERIES

The Hurricane FG-B25 can be powered by two CR123/RCR123 (3 or 3.7 V) batteries or a single 18650 (3.7 V) battery. When using an 18650 battery, 2600 mAh capacity with overcharge protection is recommended.

To install a battery, follow these steps:

1. Unscrew and remove the lamp head from the grip.
2. Insert the battery with the positive terminal facing the lamp head.
3. Screw the lamp head back onto the grip until secure.

## OPERATION

The Hurricane FG-B25 employs a side-button system to power on the flashlight and switch between the different modes.

### POWERING ON THE HURRICANE FG-B25

**Constant On:** To turn on the FG-B25, give the side button a quick press. Upon powering on, the flashlight will enter Turbo mode for 3 minutes before switching to High mode. The next time you turn on the flashlight, it will enter the most recent constant-on mode.

**Temporary On:** To temporarily engage Turbo mode, press and hold the side button. The flashlight will remain on until you release the side button. This mode is ideal for temporary maximum brightness.

**Low-Voltage Warning LED:** The low-voltage warning LED indicates when your batteries are running low on power. When the warning LED blinks red, battery power is low and we recommend installing new batteries. If there are no spares available, you can switch to a lower-output mode as a temporary measure.





## SETTING THE MODE

**Turbo/High/Medium/Low:** In addition to Turbo mode, there are three constant-on modes: High, Medium, and Low. Turbo is the brightest output. When the flashlight is in Constant-On mode, press and hold the side button to cycle through the four constant-on modes in descending order of brightness.

**Strobe and SOS:** Strobe mode continuously emits quick flashes of bright light. In SOS mode, the flashlight blinks brightly in the international Morse code distress signal pattern (· · · – – – · · ·). To enter Strobe mode, start with the flashlight powered on and quickly press the side button twice. To enter SOS mode, quickly press the side button twice again.

**Lock:** Locking the flashlight prevents it from accidentally turning on during storage or transportation. Before locking the flashlight, make sure the flashlight has been turned off for at least seven seconds. Quickly press and then press and hold the side button so the flashlight turns on and then off. To unlock the flashlight, quickly press and then press and

hold the side button until the flashlight turns on. Locking the flashlight will not clear your current output setting.

## O-RING MAINTENANCE

The Hurricane FG-B25's O-rings are installed on the threaded portions to help seal out water. The O-rings are prelubricated to extend their lifetime, ensure smooth operation, and increase water resistance.

If one of the O-rings dries out or there is little or no lubricant on it, we recommend applying a small amount of O-ring lubricant.

The FG-B25 comes with a replacement O-ring. If one of the originals wears out after long-term use, replace it with the included spare.

## THE LANYARD

You can attach and wear the included lanyard to help prevent accidental drops and to free up a pocket. To attach the lanyard, loop it through the lanyard eyelet on the flashlight's tailcap.

## SPECIFICATIONS

OUTPUT	Turbo, Strobe, SOS: 620 lm High: 410 lm Medium: 130 lm Low: 20 lm
BEAM INTENSITY	5,929 cd
LED TYPE	CREE XM-L2
POWER SOURCE	Two CR123/RCR123 (3 or 3.7 V) or one 18650 (3.7 V) battery
RUNTIME	High: 3 hr. Medium: 10 hr. Low: 50 hr.
CONSTRUCTION	Body: MIL-SPEC Type III hard anodized aerospace-grade aluminum alloy Bezel: Stainless steel Lens: Tempered glass
IMPACT RESISTANCE	Up to 6.5' (2 m)
WATERPROOFING	IPX-8 standard, up to 6.5' (2m) submersion
EFFECTIVE RANGE	505' (154 m)
DIMENSIONS	Length: 4" (10.2 cm) Diameter: 0.9" (2.3 cm)
WEIGHT	Without batteries: 2 oz. (57 g) With batteries: 2.6 oz. (74 g)

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## TWO-YEAR LIMITED WARRANTY

This VULTA product is warranted to the original purchaser to be free from defects in materials and workmanship under normal consumer use for a period of two (2) years from the original purchase date or thirty (30) days after replacement, whichever occurs later. The warranty provider's responsibility with respect to this limited warranty shall be limited solely to repair or replacement, at the provider's discretion, of any product that fails during normal use of this product in its intended manner and in its intended environment. Inoperability of the product or part(s) shall be determined by the warranty provider. If the product has been discontinued, the warranty provider reserves the right to replace it with a model of equivalent quality and function.

This warranty does not cover damage or defect caused by misuse, neglect, accident, alteration, abuse, improper installation or maintenance. EXCEPT AS PROVIDED HEREIN, THE WARRANTY PROVIDER MAKES NEITHER ANY EXPRESS WARRANTIES NOR ANY IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. This warranty provides you with specific legal rights, and you may also have additional rights that vary from state to state.

To obtain warranty coverage, contact the Vulta Customer Service Department to obtain a return merchandise authorization ("RMA") number, and return the defective product to Vulta along with the RMA number and proof of purchase. Shipment of the defective product is at the purchaser's own risk and expense.

For more information or to arrange service, visit [www.vultagear.com](http://www.vultagear.com) or call Customer Service at 212-594-2353.



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