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PowerTac M5-G3

PowerTac M5-G3 Tactical Flashlight User Manual

Model: M5-G3

PRODUCT OVERVIEW

The PowerTac M5-G3 is a high-performance tactical flashlight designed for reliability and versatility in various conditions. It features a powerful LED, multiple lighting modes, and convenient magnetic charging. Its robust construction ensures durability for demanding applications.



Image: PowerTac M5-G3 Tactical Flashlight shown with its retail packaging, highlighting its compact size and design.



Image: Various applications for the PowerTac M5-G3 flashlight, including military, police, law enforcement, work, camping, aviation, tactical, and search and rescue scenarios.

SETUP AND CHARGING

Battery Installation

The PowerTac M5-G3 comes with a 2600 mAh rechargeable Li-ion battery. To install or replace the battery, unscrew the tail cap of the flashlight. Insert the battery with the positive (+) end facing towards the head of the flashlight. Securely screw the tail cap back on.

Magnetic Charging

The M5-G3 features an upgraded magnetic charging system for convenience. Connect the magnetic charging cable to the charging port located on the side of the flashlight. Plug the USB end of the cable into a compatible USB power source (e.g., wall adapter, power bank, computer USB port). The indicator light will show charging status.

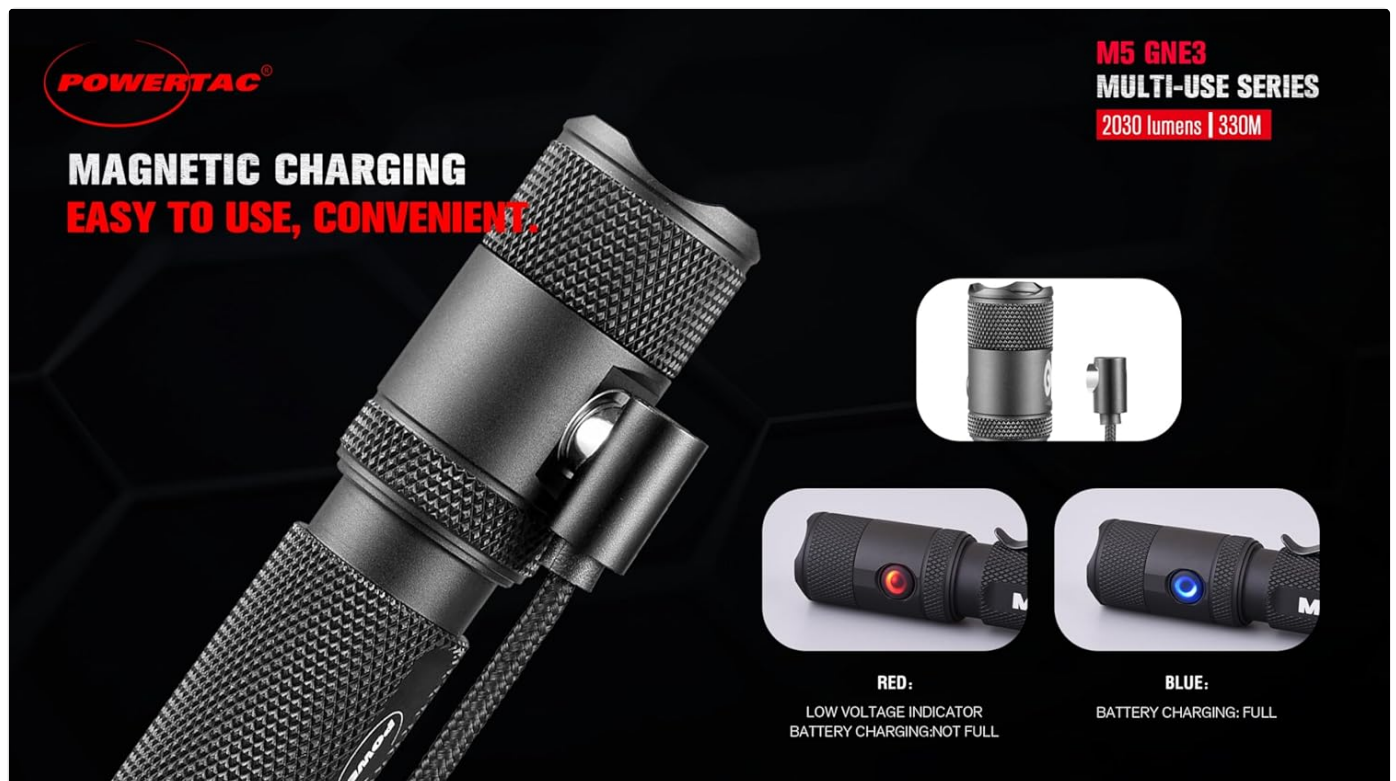


Image: Close-up of the PowerTac M5-G3 flashlight demonstrating the magnetic charging cable attached to its side port.



Image: The PowerTac M5-G3 flashlight alongside its 18650 rechargeable Li-ion battery, with an overlay indicating a 25-day runtime in Firefly mode.

Included Accessories

Your PowerTac M5-G3 package includes:

- 1 x 2600 mAh 18650 Li-ion Battery
- 1 x Magnetic Charging Cable
- 1 x Lanyard
- Spare O-Rings
- Key/O Ring
- PowerTac Stickers
- M5 GNE3 Manual



Image: A visual representation of the PowerTac M5-G3 flashlight and all its included accessories, such as the battery, charging cable, lanyard, and spare O-rings.

OPERATING INSTRUCTIONS

The M5-G3 features a dual-switch system for intuitive control.

Tail Switch (Tactical Use)

- **Momentary On:** Press and hold the tail switch for momentary illumination. Release to turn off.
- **Constant On/Off:** Fully click the tail switch to turn the flashlight on or off.
- The tail switch also memorizes the last used brightness mode.

Side Switch (Mode Change)

- When the flashlight is ON, click the side switch to cycle through the modes: Firefly → Low → Medium → High → Turbo.
- **Strobe Mode:** From any mode, press and hold the side switch for approximately 0.3 seconds to activate Strobe mode. Click again to return to the previous mode.



Image: A diagram illustrating the dual switch operation of the PowerTac M5-G3, detailing the functions of the tail switch for on/off and momentary activation, and the side switch for mode cycling and strobe.

Video: An official product video from PowerTac USA demonstrating the features and operation of the M5-G3 flashlight.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your PowerTac M5-G3 flashlight.

- **Cleaning:** Regularly clean the threads and O-rings with a clean cloth. Apply a thin layer of silicone grease to the O-rings periodically to maintain water resistance.
- **Battery Care:** Store the flashlight with a partially charged battery if not in use for extended periods. Avoid fully discharging the battery to prolong its lifespan.
- **Lens Care:** Clean the lens with a soft, lint-free cloth. Avoid abrasive materials that could scratch the lens.
- **Water Resistance:** Ensure all parts are tightly screwed to maintain the IPX8 waterproof rating.



Image: The PowerTac M5-G3 flashlight submerged in water, illustrating its IPX8 waterproof capability (2m submersible).

TROUBLESHOOTING

If you encounter issues with your PowerTac M5-G3, refer to the following common solutions:

Problem	Possible Cause	Solution
Flashlight does not turn on	Low battery; Improper battery installation; Loose tail cap; Dirty contacts	Charge battery; Reinstall battery correctly; Tighten tail cap; Clean battery contacts and threads
Light is dim or flickers	Low battery; Loose components; Damaged O-rings	Charge battery; Ensure head and tail cap are tight; Replace O-rings if damaged
Magnetic charging not working	Charging cable not properly connected; Faulty USB power source; Dirty charging port	Ensure secure connection; Try a different USB power source; Clean charging port gently

SPECIFICATIONS

Detailed technical specifications for the PowerTac M5-G3 Tactical Flashlight:

Feature	Detail
LED Type	Luminus SST40 LED, up to 50,000 hours lifetime
LED Color Temperature	6500K
Max Output	2030 Lumens
Beam Distance	330 Meters
Working Voltage	2.5V-6V

Feature	Detail
Battery Type	1*18650 Li-ion Battery or 2*CR123A
Runtime (18650)	Turbo: 2.65 hrs, High: 2.9 hrs, Medium: 5.15 hrs, Low: 23 hrs, Firefly: 25 days
Reflector	Mirror Reflector
Lens	Tempered Glass with Double Coating
Switch	Dual Switch System: Side Switch + Tail Switch
Dimensions	25.4mm (Head Dia.) x 23mm (Body Dia.) x 124mm (L)
Weight	65g (Without Battery)
Material	6061-T6 Aircraft Aluminum
Surface Treatment	Mil-Spec HAIII Anodizing
Impact Resistance	2 Meters
Water Resistance	IPX8 (2m submersible)

M5 GNE3
MULTI-USE SERIES
2030 lumens | 330M

SPECIFICATION-M5 GNE3

ANSI/NEMA FL1	FL 1 STANDARD 000 LUMENS	FL 1 STANDARD 00h	FL 1 STANDARD 0000cd	FL 1 STANDARD 000m	FL 1 STANDARD 0m	FL 1 STANDARD 00m	
Mode	Max Output	Run Time		Beam Intensity	Beam Distance	Impact Resistant	Water Resistant
		CR123A (3.0V)*2	18650-2600mAh (3.7V)*1				
Turbo	2030LM		2.65hrs	27225CD	330m	2m	IPX-8 (2m)
High	850LM		2.9hrs				
Medium	260LM	2.3hrs	5.15hrs				
Low	65LM	9.8hrs	23.3hrs				
Firefly	0.51LM	450hrs	25days				
Strobe		3.8hrs (260LM)	5.69hrs (2030LM)				

Image: A detailed table outlining the specifications of the PowerTac M5-G3 flashlight, including lumens, runtime, beam distance, and water resistance ratings.



Image: A diagram of the PowerTac M5-G3 flashlight, highlighting its low-profile outline design and labeling key components such as the mode change button, pocket clip, magnetic charge port, and battery tube.

WARRANTY AND SUPPORT

PowerTac offers a Lifetime Product Replacement and maintenance Warranty for the M5-G3 LED Flashlight. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical support, or any inquiries, please contact PowerTac customer service. Fast and easy to reach Customer Service is available to solve your problems within 24 hours.

As a small business brand, PowerTac is committed to providing high-quality products and dedicated support to its customers.