

POWER-LED FLASHLIGHT

User Manual

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By



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PART NUMBER



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Model Type	P5R-18650
Dimensions (cm)	L14.7xH3.7xB2.1
Weight (w/t battery; g)	135

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SPECIFICATIONS

Multiple Modes:	Adjustable beam patterns, 100% Brightness - 50% Brightness - OFF
Waterproofness:	IPX7, dusttightness, weatherproofness & waterproofness
IC Control:	Digitally managed to optimize output power and heat
Unique Switch:	Tailcap multiple-function E-Switch
Light Source:	State-of-the-art Power-LED*
Light Output:	250 / 120* Lumens
Runtime:	3.0 / 6.0* hours on HIGH
Effective Range:	100 - 300m
Construction Material:	CNC machined and hard-anodized aerospace-grade aluminum
Battery Type:	1×18650 rechargeable Li-ion battery (3.7V, 2500mAh)
Accessories:	AC/DC switch-power charger, DC vehicle charger, charger barrel, battery compartment, holster and lanyard.

*Using optional ultra high-output power-LED assembly (Cree / Nichia / Osram / Seoul, etc).

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MAIN FEATURES



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OPERATING INSTRUCTIONS

Battery Installation

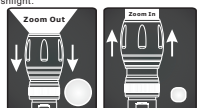
Unscrew the flashlight (torchlight) tailcap by counter-clockwise rotation and gently insert a fully-charged 18650 Li-ion battery into the flashlight with the positive end of the battery facing forwards, Replace the tailcap and rotate it clockwise until it's in a tight position.

Multiple-Mode Settings

- 100% Brightness:** Fully depress tailcap pushbutton to "click-on" position to activate 100% Brightness.
- 50% Brightness:** In the 100% Brightness mode, half depress tailcap pushbutton once to set 50% Brightness. Half depress tailcap pushbutton again to recover 100% Brightness. Either 100% or 50% Brightness mode can be recycled by sequential half-depressing.
- OFF:** Fully depress tailcap pushbutton to "click-off" position to switch off the flashlight.

Beam Pattern Adjustment

Hold the flashlight body and push the head part to adjust the beam pattern from flood (or wide) beam to spot (or focused) beam. The flashlight delivers the narrowest & brightest circular beam pattern and the longest shooting-distance when the head part is retracted the furthest away from the flashlight body. The circular beam diameter becomes the biggest when the head part is drawn the closest to the flashlight body.



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HOW TO CHARGE - Easy Plug & Charge

1. Rotate the Charger Cover counter-clockwise to reveal the DC Jack of the flashlight.
2. Insert the AC switch-power Charger Powercord to the DC Jack of the flashlight.
3. Connect the AC switch-power charger (or DC vehicle charger) plug to a 100-240VAC (50/60Hz) power source (or 12-24VDC vehicle power).
4. The LED indicator of the charger will illuminate in RED color indicating that charging is in progress. The charging time is typically less than 3 hours for a full charge. When the charging is completed, the LED indicator will automatically turn to GREEN color. After a full charge, the charger will automatically hold the charging voltage to an ideal value to avoid over-charging the battery.
5. After a full charge, rotate the Charger Cover clockwise to completely cover the DC Jack.



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HOW TO CHARGE - Independent Charge

1. Make sure the rechargeable battery to be inserted into the Charger Barrel, with the positive end of the battery facing upwards, and rotate the tailcap clockwise a few turns to engage complete seal.
2. Insert the AC switch-power (or DC vehicle charger) Charger Powercord to the DC Jack of the Charger Barrel.
3. Connect the AC switch-power charger (or DC vehicle charger) plug to a 100-240VAC (50/60Hz) power source (or 12-24VDC vehicle power).
4. The LED indicator of the charger will illuminate in RED color indicating that charging is in progress. The charging time is typically less than 3 hours for a full charge. When the charging is completed, the LED indicator will automatically turn to GREEN color. After a full charge, the charger will automatically hold the charging voltage to an ideal value to avoid over-charging the battery.



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WARNINGS

The flashlight produces substantial heat during operation. Do not leave activated flashlight unattended. Do not place activated flashlight against combustible material or materials that could be damaged by heat. Do not hold bezel or lens of activated flashlight against any portion of human body. Keep away from children. Ensure that the flashlight cannot be turned on when stored or being transported. If the flashlight is activated while in case or other containers, it could overheat and cause damage to surrounding materials.

Rechargeable or primary batteries can explode or cause burns if disassembled, shorted, exposed to water, fire or high temperature. Do not place loose batteries in a pocket, purse, or other containers containing metal objects, mix with used or other battery types, or store with hazardous or combustible materials. Remove the battery from the flashlight and store them in a cool, dry, clean & ventilated place, if left unused for a prolonged period. Follow applicable laws and regulations for disposal.

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MAINTENANCE

At least twice yearly, clean threads and O-rings with clean cloth and apply a thin coat of silicone-based grease or lubricant to both. If the flashlight is used in wet environment, lubricate O-rings frequently to maintain watertight seal. Whenever the flashlight becomes dirty, or after exposure to salt water, it should be cleaned by rinsing with fresh water or mild soap and water and then be wiped dry with a soft cloth. The illumination optical lens may be cleaned using a soft cloth with water, alcohol or general purpose window cleaner.

ENVIRONMENTAL NOTICE

The flashlight is provided with a rechargeable Li-ion battery, which does not contain any harmful heavy metals. Nevertheless, in the interest of protecting the environment, please do not dispose of the flashlight in the household waste at the end of its useful life. Disposal can take place at approved recycling or disposing locations in accordance with local regulations.

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WARRANTY CARD

TQC warrants its products to be free from defects in materials and workmanship for one year. During this period, TQC will repair or replace, at its option and without charge, any product or part which is found to be defective under normal use and service. Such repair or replacement shall be the purchaser's sole and exclusive remedy under this warranty. This warranty does not apply to any products or parts which have been subject to modification, misuse, negligence, accident, improper maintenance or repair by anyone other than TQC. Damage from batteries is not covered. This warranty is void if any failure or defect is due to severe mishandling or abuse.

There is no other express warranty. TQC hereby disclaims any and all implied warranties, including but not limited to fitness for a particular purpose. TQC shall not be liable for any incident, consequential or special damages arising out of, or in connection with, product use or performance.

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