







Fenix RC11 Flashlight

Measuring at only 4.5 inches in length, RC11 delivers max 1000-lumen output and longest runtime up to 135 hours. As a magnetic charging flashlight, it is equipped with innovative dual-purpose charging cable features magnetic charging port and Micro USB charging port. Compatible with one 18650 Li-ion battery, CR123A Lithium battery is available in exceptional circumstances. Also the flat tail cap offers convenient tail stand capability for using as an upward-facing spotlight.

Technical Parameters

ANSI/PLATO FL1	General Mode					Strobe
	Turbo	High	Mid	Low	Eco	
 Output	1000 Lumens	500 Lumens	150 Lumens	50 Lumens	10 Lumens	1000 Lumens
 Runtime	1h 20min*	2h 50min	11h 10min	29h 30min	135h	/
 Max Distance	190m					
 Max Intensity	9050cd					
 Impact Resistance	1m					
 Waterproof	IPX-8, underwater 2m					
Accessories	Lanyard, holster, body clip, spare O-ring, charging cable, Fenix 18650 rechargeable Li-ion battery					

Notice: The above-mentioned parameters (lab-tested by using one Fenix 18650 rechargeable Li-ion battery 3.6V/2600mAh) are approximate and may vary between flashlights, batteries and environments.

*Due to the protective setup of downshifting from Turbo to High after working 5 minutes, so the runtime of Turbo is the accumulated time.

- ◎ Utilizes Cree XM-L2 U2 LED with a lifespan of 50,000 hours
- ◎ Powered by one 18650 rechargeable Li-ion battery or two CR123A Lithium batteries can be taken under emergency circumstance
- ◎ 113.5mm Length x 29.5mm Diameter
- ◎ 70 grams (excluding battery and charging cable)
- ◎ Magnetic suction charging port in the neck, one included 18650 rechargeable Li-ion battery
- ◎ Tailored magnetic charging cable also available in portable Micro USB devices
- ◎ One-switch for fast and convenient operation
- ◎ Lock-out function avoids accidental operation
- ◎ Intelligent over-heat protection to avoid high temperature of the surface
- ◎ Low-voltage warning reminds when charging or battery replacement is needed
- ◎ Reverse polarity protection, to protect from improper battery installation
- ◎ Digitally regulated output maintains constant brightness
- ◎ Made of durable aircraft-grade aluminum
- ◎ Premium type III hard-anodized anti-abrasive finish
- ◎ Toughened ultra-clear glass lens with anti-reflective coating

Operation Instruction

ON/OFF

When the light is off and unlocked, press and hold the side switch for 0.5 seconds to turn it on. When the light is on, press and hold the side switch for 0.5 seconds to turn it off.

Output Selection

With the light on, single-click the side switch to cycle through Eco→Low→Mid→High→Turbo.

Strobe

Under unlocked state, press and hold the side switch for 1.2 seconds to enter into Strobe, click again to turn back to previously used General brightness level.

Lock-out Function

Lock: When the light is off and unlocked, double-click the side switch in 0.5 seconds, the light will blink twice at Mid and then go out, indicating the light is locked.

Unlock: When the light is off and locked, double-click the side switch in 0.5 seconds, the light will be unlocked and power on the last-used output level.

Note: In locked state, the light only responds unlocking operation, press the side switch, the light will blink twice to remind the light is under locked state.

Intelligent Memory Circuit

The flashlight memorizes the last brightness level used in the General mode, the next time

it is turned on, it will recall that previously used General brightness level.

Over-heat Protection

The flashlight will accumulate a lot of heat when it is working at Turbo brightness level. When it works at Turbo for 5 minutes, the flashlight will automatically downshift to High output to prevent the light from overheating. If the Turbo output is needed, please reset it again. But the flashlight could be damaged or the normal service life could be shortened because of continuous use like this.

Low-voltage Warning Function

When the voltage level drops below the preset level, the flashlight is programmed to downshift to a lower brightness level. When this happens in Low output mode, the flashlight blinks three times every five minutes to remind you to charge the light or replace the battery. To ensure normal use, the flashlight will not turn off automatically and will work until the over-discharge function stops the battery from working.

Note: This only works on 18650 rechargeable Li-ion battery. When the voltage of 18650 battery is detected lower than 3V, low-voltage warning function will fail if the flashlight is turned on again.

Magnetic Suction Charging

Connect the USB AM port of the charging cable to the power source, the indicator light will turn green. Then draw the magnetic end of the charging cable close to the flashlight, the charging cable will absorb to the charging port automatically and the charging has begun. The indicator light will flash green in charging process. Last the indicator light turns solid green when charging completely done. The normal charging time is about 4 hours.

Note:

1. RC11 only charges normally on 18650 rechargeable battery with button top, Fenix ARB-L18 Series battery with protective circuit is recommended.
2. Charging with the light on is not recommended, doing so may cause extended charging time or less fully charged battery. If emergency lighting is needed, the flashlight is only available at Mid output level when it is charging.

Battery Specifications

Type	Dimensions	Nominal Voltage	Usability	
Fenix ARB-L18 Series	18650	3.6V	Recommended	√√
Rechargeable Battery (Li-ion)	18650	3.6V/3.7V	Cautious*	!

Notice: Under emergency circumstances, CR123A Lithium battery is available, but charging is prohibited. Rechargeable Li-ion battery with no protective board is forbidden.

*18650 Li-ion batteries are powerful cells designed for commercial applications and must

be treated with caution and handled with care. Quality batteries with circuit protection will reduce the potential for combustion or explosion but cell damage or short circuiting are potential risks the user assumes.

Battery Replacement

Unscrew the light body to insert the battery with the anode side (+) toward the light's head, screw the light body back on.

Usage and Maintenance

⦿ Disassembling the sealed head can cause damage to the light and will void the warranty.

⦿ Fenix recommends using excellent quality battery. If the flashlight will not be used for an extended period, remove the battery, or the flashlight could be damaged by electrolyte leakage or battery explosion.

⦿ Unscrew the light body one-half turn or take out the battery to prevent accidental activation during storage or transportation.

⦿ Long-term use can result in O-ring wear. To maintain a proper water seal, replace the ring with an approved spare.

⦿ Periodic cleaning of the battery contacts improves the flashlight's performance as dirty contacts may cause the flashlight to flicker, shine intermittently or even fail to illuminate for the following reasons:

Reason A: The batteries need replacing.

Solution: Replace batteries (Please confirm the correct installation of anode and cathode).

Reason B: The threads, PCB boards contact or other contacts are dirty.

Solution: Clean the contact points with a cotton swab soaked in rubbing alcohol.

If the above methods don't work, please refer to the warranty policy before contacting your authorized distributor.

Product Warranty

Fenix will replace products with documented manufacturing defects within 15 days of purchase and repair a light free of charge within 5 years (Rechargeable battery: 1 year) of purchase if problems develop with normal use; if repair is required after 5 years from the date of purchase, Fenix will charge for parts. The total repair fee is dictated by the cost of the replaced materials.

Product Registration

Fenix suggests you register your product on the official website for Fenixlight Limited (www.fenixlight.com). You can get an extra six-month warranty period once you have successfully registered.

Warning

The flashlight is a high-intensity lighting device capable of causing eye damage to the user or others. Avoid shining the light directly into anyone's eyes.

Available Accessories

Type	Model
Diffuser tip	AOD-S
Filter adaptor	AOF-S+
Traffic wand	AOT-S
Bike mount	ALB-10

Note: For full details about available accessories, please visit the Fenix website, click on Products followed by clicking through to the Accessories page.

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