FITORCH

ER20

USER MANUAL

Portable
Magnetic Charging
Rechargeable Flashlight

Specifications

- LED: CREE XPL HD, up to 50,000 hours lifetime.
- Output: max 1000 lumen
- Reflector: precise metal filmed
  Glass: AR coated &high light transmission glass
- Modes: Turbo-High-Medium-Low-Strobe-SOS
- Working Voltage: 2.0V-4.2V
- Compatible Batteries: 1*16340 or 1* CR123A
- Material: Aerospace Aluminum Alloy 6061-T6, HA-III military hard anodizing
- Switch: side switch
- Dimensions: Ø21(Head&Body)*L70.5mm
- N.W.: 49.5g(without battery)
- G.W.: 163g
- Accessories Included: 1*magnetic charging cable, 1*16340 battery with USB port, 1* holster, 1*clip, 1*O-ring, 2*screws
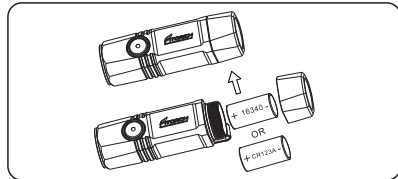
ANSI Chart

FL 1 STANDARD	TURBO	HIGH	MEDIUM	LOW	STROBE	SOS
Output	1000LM	400LM	60LM	2LM	1000LM	1000LM
Runtime	45min	2h	12h	150h	1.5h	—
Max light intensity	4,500cd					
Max Range	150m					
Impact Resistance	1m					
Waterproof Rating	IPX-8					

Note: all datas above were generated in Fitorch lab. Differences may happen base on usage and conditions.

Operation

- **Battery Load**
  Insert the 1*16340/1*CR123A into the housing of ER20.
- **On/Off**
  With the light unlocked, click the side switch to turn on/off.
- **Mode change**
  when power on, press the side switch for 0.5s to cycle through
  Turbo-High-Medium-Low-Medium-High-Turbo
- **Strobe & SOS**
  With the light unlocked and when power off, double click the side switch to enter strobe, double click again to SOS. When power on, double click the side switch in any mode to enter Turbo→(double click) Strobe→(double click) SOS
- **Low Mode**
  When power off, press the side switch for 0. 5s to Low Mode.
- **Memory Function**
  When power off, click the side switch to enter the mode of last using
- **Lock & Unlock**
  When power off, click the side switch 5 times in succession to lock the switch(the light will blink to indicate locked status). And then click the switch 3 times in succession to unlock the switch.
- **Power Detection**
  When power off, click the side switch 3 times in succession to enter power detection. the lamp under the side switch button will blink In Green and Red, one Green blink Indicates 1V, one Red blink Indicates In 0.1V, for Instance, 3.8V, 3 Green blinks and 8 red blinks.

- **Beacon Function**
  When power off, click the side switch 4 times in succession to enter beacon function.
- **Magnetic Charging**
  Connect the USB port of the cable to any power source, and then hold the other end of the cable close to the charging port on flashlight.

Store and maintenance

- Disassembling the sealed head will damage the lights and void the warranty.
- High quality batteries are recommended.
- O-ring will be wear after a Long-term use, change it In included spare one to maintain watertight seal.
- Unload the batteries if assure the torch won't use a bit of long time, then better put It into Inner box.
- Store and keep the torch off fire, statics, steaming and humidity surroundings.
- Clean the body with soft fabric clothing then lubricate In silicon grease per half a year.

- Periodic cleaning of batteries contacts to improve the flashlight performance as dirty contacts cause the lamp flicking, shine intermittently or even fail to illuminate for below factors.
  A: Battery need replacing (choose the battery which mentions on this manual)
  B: PCB, Spring or other contacts is dirty (clean the contacts In cotton swab In soaked rubbing alcohol)

WARNING!

Looking at the light for a long time will harm your eyes.

Warranty

FITORCH guarantees: this torch is found to be defective on function under normal use within 5 years from the purchase date, will be repaired or replaced with any charge.

Warranty

- Please contact your original FITORCH dealer for replacement and repairs.
- If the warranty issue cannot be resolved by the dealer, please contact
- FITORCH at info@fitorchworld.com for assistance. Please provide the following information to expedite the process:
  1) List the serial number on the light.
  2) Include a detailed description identifying the issue, accompanied by pictures or a short video demonstration if necessary.
  3) Provide the name and store of the dealer you made the purchase from; and a copy of the proof of purchase.

FITORCH

Facebook   Website

CE RoHS

说明:
1.展开尺寸为180*90mm 折后尺寸为60*90mm
2.印刷:橙色+黑色两色双面印刷
3.材质:128G铜版纸