

ORCATORCH

User manual



WR10

Max 950 Lumens

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PRODUCT INTRODUCTION

ORCATORCH WR10 is the first multifunctional flashlight with wireless charging technology and intelligent recognition control technology. It features the wireless charging system and can automatically stop charging when fully charged to prevent from overcharging. It will recognize the failure of power or the remove of the charging cradle and automatically turn on for emergency use. With the "candle mode" design that makes it act as a small table lamp, IPX-8 waterproof and intelligent power indicator design, WR10 is a super All-Rounder for home security, emergency escape, outdoor sports, law enforcement as well as search and exploration.

PRODUCT FEATURES

- ✓ Cree XM-L2 (U2) LED, max 950 lumens output
- ✓ Uses 1*26650 battery or 1*18650 with a battery sleeve
- ✓ The latest wireless charging technology, convenient in charging
- ✓ The intelligent recognition and control technology, automatically turn on for emergency lighting when the power failure is detected.
- ✓ Support AC charging and DC charging
- ✓ Intelligent power indicator
- ✓ High efficiency constant current circuit, constant brightness
- ✓ Over-charge and over-discharge protection function
- ✓ Over-heat protection function
- ✓ Reverse polarity protection, to protect from improper battery installation
- ✓ Anti-roll, slip-resistant body design
- ✓ Aircraft-grade high strength aluminum AL-6061-T6 with premium Type III military hard-anodized anti-abrasive finish
- ✓ Alloy aluminum reflector with professional optical analysis
- ✓ Toughened glass with anti-reflective coating

TECHNICAL PARAMETERS

ANSI/NEMA FL1	Turbo	High	Middle	Low	Strobe	SOS
Output	950 Lumens	350 Lumens	50 Lumens	2 Lumens	950 Lumens	950 Lumens
Runtime	2h40min	7h	55h30min	550h	/	/
Beam Distance	311m					
Intensity	24200cd					
Impact Resistant	1m					
Waterproof	IPX-8(under water 2m)					
Working voltage	3-4.5 V					
Dimension	155.5mm(Length) x 35mm(Diameter) x 45mm(Head)					
Net weight	243g (excluding battery)					
Accessories	Charging cradle, car charger, 26650 battery(4000mAh), 18650 battery sleeve, O-ring					

Notice: 1. Stated data has been measured according to the international flashlight test standards ANSI/NEMA FL1 using one ORCATORCH 26650 Li-ion battery(3.7V,4000mAh) under laboratory conditions. The parameters are approximate and may vary between flashlights, batteries, and environments.

2. The flashlight will shift to the high mode automatically after working at Turbo mode for 20 minutes. Therefore, the runtime of Turbo mode is an accumulated time at Turbo output.

3. The car charger input is 12V, please do not plug it in the car power higher than 12 V.

OPERATION INSTRUCTIONS

1. ON/OFF: The default low mode will be on when the battery is inserted correctly, you can press the side switch lightly to turn it off.
2. Mode Selection: When the flashlight is on, press the side switch to switch mode among turbo, high, middle, low, and off. Keep pressing the side switch for 2-3 seconds to get the hidden strobe mode, press again to get the SOS mode, then you can get back to the previous brightness mode by pressing again.
3. Charge the battery: Connect the charging cradle to the main power and put the light with the battery into the cradle, the light will automatically turn off and start charging. It will stop charging when the battery is fully charged and the power indicator will turn from red to green. The low mode will turn on directly when a power failure happens or when the light is taken out from cradle.
4. Over-heat protection: WR10 will accumulate a lot of heat when working at turbo mode. To avoid overheating, the flashlight will automatically shift to the high mode after working at Turbo mode for 20 minutes. Please press the side switch to shift back to the turbo mode if you want to use it continuously.
5. Over-discharge protection: The light will automatically shift to the middle mode when the remaining power is less than 5% to protect from over-discharge(If you are using low mode, then it will be still at low mode). And the power indicator will turn to red to remind you to have the battery charged or changed.



Press the side switch to obtain different function

BATTERY REPLACEMENT

1. As shown in the figure, insert the battery with the anode side (+) toward the light head.
2. Please do not reverse the battery to avoid damage to the flashlight and battery.
3. Please do not use battery with higher voltage than the flashlight working voltage.
4. Please do not use battery with damaged surface or deformation to avoid short circuit, explosion, leakage, etc.



USAGE AND MAINTENANCE

- ✦ Please don't disassemble the sealed head, doing so may cause damage to the flashlight and will void the warranty.
- ✦ We recommend the use of high quality batteries. If the flashlight will not be used for a long time, remove the batteries to avoid damage from electrolyte leakage or battery explosion.
- ✦ Please replace the O-rings if they are damaged after prolonged use and regularly lubricate the o-rings so as to not erode the rubber. Doing so will keep the flashlight properly sealed against water.
- ✦ Please clean the contacts of your light from time to time, especially when the light flickers or doesn't light up. There are probably several reasons for a flickering or not working light:

Reason A: The batteries need to be replaced.

Solution: Replace batteries (Please confirm correct installation of + and - terminals).

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

Solution: Clean the contact points with an alcohol soaked cotton swab. If the methods above don't work, please contact the distributors and refer to the warranty policy.

PRODUCT WARRANTY

We will replace products afflicted with manufacturing defects within 30 days of purchase and repair a light free of charge within 24 months of purchase if problems develop under normal use(12 months for accessories); if repair is required after 24 months from the date of purchase, we will charge for parts. The total repair fee is dictated by the cost of the replaced materials.

Warning

The flashlight is high intensity lighting device and capable of causing eye damage, please avoid shining the light directly into the eyes.

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