



User manual



D950V

Max **10500** Lumens

PRODUCT INTRODUCTION

ORCATORCH D950V is a 10500 lumen high brightness, high CRI and high technology LED video light specially designed for underwater photography. It features a CREE chip-on-board (COB) high power LED. Its four brightness modes can be adjusted via the tail switch. The spherical toughened glass optical lens design can create even illumination with a 120° wide angle beam. The built-in replaceable large capacity battery pack can be charged via the D950V tail port, and it can also be taken out and used as a power bank. The tail LED indicator instantly displays the battery's remaining charge.

PRODUCT FEATURES

- ✓ CREE COB LED, max 10500 lumens output
- ✓ Spherical toughened glass optical lens design, 120° more even illumination
- ✓ Color temperature 5700K
- ✓ CRI: RA92
- ✓ Built-in replaceable large capacity battery pack, can be used as a power bank
- ✓ Tail switch controls 4 brightness modes
- ✓ Tail LED indicator instantly displaying the battery's remaining charge
- ✓ LED Charging indicator
- ✓ Intelligent Over-Heat protection
- ✓ Over-charge and discharge protection
- ✓ Water pressure resistant construction, depth rated to 150 meters
- ✓ Aircraft-grade high strength aluminum material
- ✓ The latest diamond grade hard-anodized seawater-corrosion-resistance finish
- ✓ Two sides coated toughened glass with high water pressure resistance under deep water

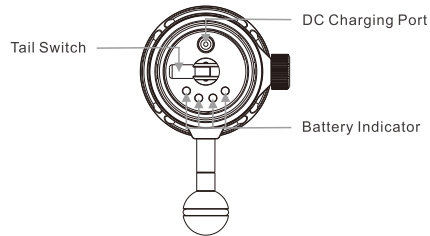
TECHNICAL PARAMETERS

ANSI/NEMA FL1	Turbo	High	Middle	Low
Output	10500 Lumens	6200 Lumens	3000 Lumens	1100 Lumens
Runtime	1h12min	1h54min	3h50min	10h
Impact Resistant	1m			
Waterproof	under water 150m			
Working voltage	11-16.8V			
Charging input	16.8V --- 3.5A			
Charging time	3h10min			
Dimension	255mm(Length) x 53mm(Diameter) x 72mm(Head)			
Net weight	1065g (Including battery)			
Weight in water	495g (Including battery)			
Accessories	Battery pack, home charger, ball joint, Orca Torch rubber ring, O-rings			

Notice: Stated data has been measured according to the international flashlight test standards ANSI/NEMA FL1 under laboratory conditions. The parameters are approximate and may vary between flashlights, batteries, and environments.

OPERATION INSTRUCTIONS

1. Modes selection: Turn the tail switch to change modes among OFF, low(I), middle(II), high(III), turbo(IV).
2. Charging: Unscrew the tail cap. Connect the charging port to the power source by the included home charger, the light will start charging, the charging indicator on the home charger will also turn red. When the battery is fully charged, the indicator will turn green and the charging will stop automatically. The battery pack has both DC and USB ports. When taken out, it can be used as power bank.
3. Battery indicator: The LED indicators located on the tail will be on when the light is turned on.
 - 4 LED indicators on, 75% to 100%
 - 3 LED indicators on, 50% to 75%
 - 2 LED indicators on, 50% to 25%
 - 1 LED indicator on, 25% to 10%
 - 1 Green LED indicator flashing, less than 10%
4. Intelligent Over-Heat protection: This torch is specially designed for underwater use. When used on land for too long, it might get too hot. But this torch would drop down its output automatically once its temperature reaches 65° to avoid damage to the light due to overheat.
5. The total runtime will be extended significantly if the light is used discontinuously.



BATTERY USAGE:

1. Please remove the insulator on the battery pack when you use the light for the first time.

2. Do not use any battery pack or cell which is not designed for use with the product.
3. Battery give their best performance when operated at normal room temperature 20°C ±5°C.

USAGE AND MAINTENANCE

- ✦ Please clean the surface of the light with fresh water and wipe it dry after use in case of the seawater corrosiveness.
- ✦ Do not drop or place the light on sand in case iron sand stick or go into switch section or screw thread.
- ✦ Tighten all the connections of the light before going underwater.
- ✦ Please don't disassemble the sealed head, doing so may cause damage to the flashlight and will void the warranty.
- ✦ Please replace the O-rings if they are damaged after prolonged use and regularly lubricate the o-rings with silicon grease 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.

PRODUCT WARRANTY

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

Please register your OrcaTorch products through official website www.orcatorch.com to get extra 1 year warranty.

Warning

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

ORCATORCH TECHNOLOGY LIMITED

Tel: +86-755-33560383 Fax: +86-755-29454989
 Email: info@orcatorch.com www.orcatorch.com
 Address: 7F, Building 6, Rundongsheng Industrial Park, Gushu, Xixiang, Baoan, Shenzhen, China (518102)



www.orcatorch.com