




ORCATORCH D630 V2.0 Tech Dive Light User Manual

[Home](#) » [ORCATORCH](#) » ORCATORCH D630 V2.0 Tech Dive Light User Manual 



User Manual



D630 V2.0
Max 4000 lumens

Contents

- [1 PRODUCT INTRODUCTION](#)
- [2 PRODUCT FEATURES](#)
- [3 TECHNICAL PARAMETERS](#)
- [4 OPERATION INSTRUCTIONS](#)
- [5 BATTERY USAGE:](#)
- [6 USAGE AND MAINTENANCE](#)
- [7 PRODUCT WARRANTY](#)
- [8 Documents / Resources](#)
 - [8.1 References](#)







PRODUCT INTRODUCTION

ORCATORCH D630 V2.0 is a perfect canister dive light for cave diving, wreck diving or similar technical diving activities. The light delivers up to 4,000 lumens, and its angle adjustable cable allows both 90° and 180° rotation between canister and light head. This makes the OrcaTorch D630 perfectly suited for both sidemount and backmount diving. Its large-capacity battery pack provides up to 5 hours excellent diving experience at the brightest mode. The battery pack can also be taken out and used as a power bank.

PRODUCT FEATURES

- ✓ Uses 5' LEDs, max 4000 lumens
- ✓ 90°-180° angle adjustable cable
- ✓ Suitable for both backmount and sidemount diving
- ✓ 7' super focus beam
- ✓ LED indicator offers instant update of battery status
- ✓ 89Wh rechargeable large capacity battery
- ✓ 5 hours long runtime at brightest mode
- ✓ Battery can be used as a power bank
- ✓ Battery charging indicator displays the charging status
- ✓ Easy operation with side titanium alloy button switch
- ✓ Safe lock function prevents mis-operation
- ✓ Intelligent overheat protection
- ✓ Waterproof and corrosion resistant construction Depth rated up to 150 meters
- ✓ Reverse polarity protection prevents improper battery installation
- ✓ Over-discharge protection function
- ✓ Constructed from high-strength A6061-T6 aluminum
- ✓ Mil-Spec Type III hard anodized finish for durability and corrosion resistance
- ✓ Two-sided coated toughened glass with high water pressure resistance

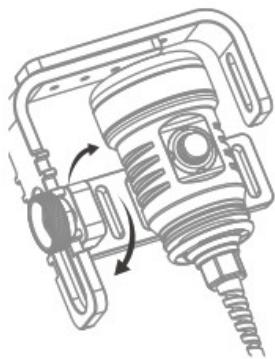
TECHNICAL PARAMETERS

ANSIINEMA FL1	High	Middle	Low
 Output	4000 Lumens	1500 Lumens	460 Lumens
 Runtime	5h	7h 26min	23h 50min
 Beam — Dist ance	514m (On land)		
 intensity	66080 cd		
 Resistant	1m		
 Waterpr oof	150m		
Working voltage	6-8.4 V		
Charging time	4h		
Dimension	Canister: 209mm/8.2in(Length) x 59mm/2.3in(Diameter) Torch: 96mm/3.8in(Length) x 60mm/2.4in(Diameter)		
Net weight	1370g(Including battery pack)		
Weight in water	600g (Including battery pack)		
Accessories	Rechargeable battery pack. Goodman handle. O-rings. Charger		

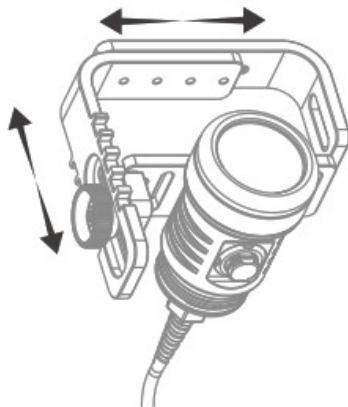
Notice:Stated data has been maasured according to the international flashlight test standards ANSIWNEMA FL1 using one OrcaTorch battery pack (7.4V,89Wh) under laboratory conditions. The parameters are approximate and may vary between flashlights, batteries, and environments.

OPERATION INSTRUCTIONS

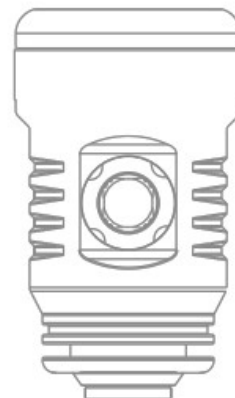
1. Operation **diagram:**



Turn over
the light head



Adjust the height
and width of the handle



ON/OFF

Note: Please remove the Insulator on the battery pack when you use the light for the first time.

2. Modes selection: Press side button to change among high, middle, low, off.
3. Battery indicator: When the light is turned on, the battery indicator will be on to show the battery level.
Green: over 30%
Red: 10% – 30%
Flashing red: less than 10%
4. Safe lock function: Hold on the side switch for 5 seconds when the torch is off, it will turn into state of safe lock. The side switch will be useless unless unlocking it by a double press. (The light will flicker twice when you lock or unlock the switch, the battery Indicator will be green when pressing the side button in lock mode.)
5. Intelligent over-heat protection: This torch is specially 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.
6. The torch runtime will be extended significantly if the light is used discontinuously.

BATTERY USAGE:

1. Charging: Open the canister cap. Connect the DC charging port on the battery pack with the charger to start charging. The battery pack is fully charged when all 4 LED indicators light up.



2. Discharge: Connect a USB cable to the battery pack's USB port and charge other devices (output 5V/2A).
3. Removing the battery pack: Unscrew the battery pack from the canister to remove it. Ensure the battery is sealed securely when it is re-inserted.

USAGE AND MAINTENANCE

- Please clean the surface of the light with fresh water and wipe it dry after use to avoid seawater corrosion.
- The switch may be harder to press if there are traces of salt around the switch.

Please rinse the switch with hot water (around 40-50°C) to dissolve the salt.

- Do not drop or place the light on sand to prevent sand sticking or entering the switch section or screw threads,
- Tighten all the connections of the torch before taking the torch underwater.
- Please don't disassemble the sealed front cap/torch head, doing so may cause damage to the torch and will void the warranty.
- We recommend using Orca Torch battery pack. If the flashlight will not be used for a long time, take out the battery pack 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 with silicon grease to avoid erosion of 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.

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Documents / Resources



[ORCATORCH D630 V2.0 Tech Dive Light](#) [pdf] User Manual

D630, D630 V2.0 Tech Dive Light, V2.0 Tech Dive Light, Tech Dive Light, Dive Light, Light

References

- [OrcaTorch Dive Lights - Lighting Solutions Provider for Safe Diving](#)