



## User manual



# D630

### Max 4000 lumens

### PRODUCT INTRODUCTION

ORCATORCH D630 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\* CREE 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 aircraft-grade high strength aluminum alloy
- ✓ The latest diamond grade hard-anodized seawater corrosion-resistance finish
- ✓ Two-sided coated toughened glass with high water pressure resistance

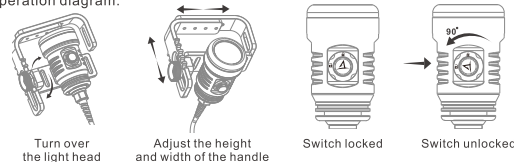
### TECHNICAL PARAMETERS

ANSI/NEMA FL1	High	Middle	Low
Output	4000 Lumens	1500 Lumens	460 Lumens
Runtime	5h	7h 26min	23h 50min
Beam Distance	514m (On land)		
Intensity	66080 cd		
Impact Resistant	1m		
Waterproof	150m		
Working voltage	6-8.4 V		
Charging time	4h		
Dimension	Canister: 209mm(Length) x 59mm(Diameter) Torch: 96mm(Length) x 60mm(Diameter)		
Net weight	1.37Kg(Including battery pack)		
Weight in water	0.6Kg (Including battery pack)		
Accessories	Rechargeable battery pack, Goodman handle, O-rings, Charger		

**Notice:** Stated data has been measured according to the international flashlight test standards ANSI/NEMA 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:



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

2. ON/OFF: Unlock and press the switch to turn it on/off;

3. Mode Selection: Turn the switch 90° counter clockwise to unlock the switch. Press the switch to change modes between high, middle, low and off. Note: Switching between modes can only be made when the switch is unlocked.

4. Adjust the cable angle: Unscrew the cap nut on the cable, adjust the cable angle from 90°~180° and tighten it.

5. Battery indicator: When the torch is switched on, the LED indicator will be lit on to show the battery level.

-Green: over 30%

-Red: 10%-30%

-Flashing red: less than 10%

6. When the light is not in use, please lock the switch by turning it 90° clockwise to avoid turning on the torch accidentally.

7. Over-heat protection: In order to avoid damage caused by overheating (especially when used on land), the torch will automatically switch to a lower mode when its temperature reaches 65°C.

8. The total runtime will be extended significantly if the torch is not switched on for extended periods.

### 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 OrcaTorch 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](http://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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