NORTHERN DIVER

OPENWATER SUITS & EQUIPMENT

Varilux3500 VI9

200 - 3500 LUMENS | ULTRA WHITE LIGHT

USER MANUAL

WHATS INCLUDED?

1. 3500 torch unit (1)
2. 26650 batteries (2)
3. Battery charger (1)
4. USB cable (1)
5. Spare O ring (1 minimum)
6. Tail cap lubricant (1)
7. Hard storage case (1)
8. User manual (1)

TORCH SPECIFICATIONS

Material: anodised aircraft 6061 aluminium
Colour: black
LED: 4x CREE XM-L2
LED lifespan: 100000 h
Brightness: 3500 lm
Light colour: white
Mode: high/dimming
Battery: 26650 3.7 V, 5200 mAh
Recharge time: 5 hours (approx)
Switch design: magnetic slide switch
Lens: coated glass lens
Size: 217*69*130mm (8.5*2.7*5.1")
(length x head diameter x handle length)
Weight (torch): 586g (1.29lbs)
Weight (torch and batteries): 772g (1.7lbs)
Please note weights are approximate

STANDARD	HIGH	MID	LOW
	3500 LUMENS	3500 - 200 LUMENS	200 LUMENS
	2 hrs	2 - 40 hrs	50 hrs
	1000m (beam distance)		
	90000cd (peak beam intensity)		
	0.5m (impact resistance)		
	100 metres (depth rating)		

OPERATION

The torch is operated by the top-mounted slide switch. Use this to vary the torch output.

NOTICE

This data may vary depending on environmental conditions.

TORCH STRUCTURE

1. Head with LED modules
2. Body
3. Slide switch
4. Handle
5. Unscrew to access batteries
You MUST remove the plastic tab!
6. Tail cap

BATTERY INSTALLATION

DO NOT insert batteries the wrong way.
DO NOT use different batteries to the ones provided.
DO NOT use a battery if it is damaged.

Insert both batteries positive end first, and close the tail cap, taking care not to disturb the O rings.
If the battery doesn't fit, please check the battery's orientation and not force into the battery mount.
If the battery is forced to set with a different polarity, the battery may catch on fire, smoke, explode, or cause heat generation.

When the batteries are fully charged, switch off the charger and remove the batteries from the docking station.

WARNINGS

When storing the torch, unscrew the tail cap to ensure the power is cut off.
After every dive, clean the torch with fresh, clean water and dry with a cloth. Salt water residue can corrode the torch surface.
Ensure that the tail cap is lubricated regularly. A small bottle of lubricant is supplied with your torch.
Avoid any impact on the torch.
Do not shine the light directly into eyes.

THERE IS A PLASTIC TAB LOCATED IN THE BATTERY COMPARTMENT THAT MUST BE REMOVED FROM THE TORCH BEFORE USE

CHARGER SPECIFICATIONS

Input Type C DC5V 2A
Output 4.20±0.05V
Charging current 1A×2
Reverse polarity protection
2*charging slots
Red led when charging
Green led when fully charged
When battery polarity is reversed, led off
Max charging current 2A（1A*2 slots）
3 charging modes:
trickle- constant current-constant voltage
Charger size 165*106*38mm (6.5*4.2*1.5")
Weight 59g (0.13lbs) without battery/charging cable

Certificate:CE/FCC/UL/KC/PSE
Compatible with rechargeable Li-ion battery：
3.6V/3.7V li-ion battery（max length 75mm)：
10440/14500/14650/RCR16340/16650/17500/17650/
17670/18350/18490/18500/
18650,20700,21700,22700,26650,26700

RELIABILITY

Reverse connection protection
Auto stop working when fully charged

OPERATION

Connect the power supply, put the battery into the charging slot, the charger starts working. Red led for charging, green led for being fully charged.
(DO NOT use battery if external sleeve is broken as there will be a risk of short circuit explosion)

SAFETY PRECAUTIONS

Please refer to the manual carefully before use.
Clean positive and negative contact points in charging slots regularly to prevent poor contact.
DO NOT use over DC5.5V adapter, the output current should be >2A, namely: DC5V2A.
Charger may heat up when charging.
DO NOT leave it unattended at the beginning of charging. If any malfunction, please stop the operation immediately and read the manual carefully.
If the battery is leaking, swollen,damaged outer skin, please do not charge it.

WARRANTY INFORMATION

The torch is covered by a full 12 month warranty. If a fault occurs within 14 days due to a manufacturing defect, your torch will be replaced (proof of purchase required). After 14 days and within 12 months of purchase, your torch will be repaired or replaced (excludes accidental damage or damage caused by misuse). Outside the 12 month warranty period, your torch will be repaired at cost (if repairable). In all cases, inward and outward shipping will be the customer's responsibility.

The warranty is nullified in any of the following situations:

The product(s) is/are broken down, reconstructed and/or modified under unauthorised conditions.
The product(s) is/are damaged through improper use.
The product(s) is/are damaged by leakage of batteries.

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