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soonfire DV28

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INTRODUCTION

The soonfire DV28 is a high-performance underwater flashlight designed for diving, snorkeling, and fishing. It features a super bright 1500-lumen output, an IPX8 waterproof rating up to 100 meters, and multiple lighting modes with a battery indicator for reliable underwater illumination.

Key Features:

- **Super Bright Output:** 1500 lumens with a 10° narrow beam, reaching up to 180 meters.
- **True Color Accuracy:** 7000K neutral white light for optimal visibility.
- **Extreme Waterproofing:** IPX8 rated, submersible up to 100 meters.
- **Versatile Lighting:** Three adjustable brightness modes (High, Medium, Low) plus an SOS mode.
- **Battery Monitoring:** Integrated battery indicator to display remaining power.
- **Rechargeable System:** Powered by a high-capacity 21700 battery with a dedicated charger included.
- **Complete Kit:** Includes flashlight, battery, charger, lanyard, and spare O-rings.

SETUP

Unpacking

Verify that all components are present in the package:

- soonfire DV28 Scuba Dive Light
- 21700 Rechargeable Battery
- Dedicated Battery Charger
- USB-C Cable
- Lanyard
- Spare Waterproof O-rings (2)

Battery Installation

1. Unscrew the tail cap of the flashlight counter-clockwise.
2. Insert the provided 21700 rechargeable battery with the positive (+) end facing towards the light head.
3. Ensure the O-rings are clean and properly seated in their grooves.
4. Securely screw the tail cap back on clockwise until tight.

Charging the Battery

The DV28 uses an external charger for its 21700 battery.

1. Remove the 21700 battery from the flashlight.
2. Connect the included battery charger to a USB power source using the USB-C cable.
3. Place the 21700 battery into the charger. The charger will indicate the charging status (e.g., red for charging, green for fully charged).
4. Once fully charged, remove the battery and reinstall it into the flashlight.

Important: Always ensure the battery is fully charged before diving to maximize runtime and performance.

Lanyard Attachment

Attach the included lanyard to the designated loop on the tail cap of the flashlight. This helps prevent accidental loss during underwater activities.

OPERATING INSTRUCTIONS

Power On/Off

Press the side switch to turn the flashlight on. To turn off, press and hold the side switch for approximately 1-2 seconds.

Mode Selection

With the light on, short press the side switch to cycle through the available lighting modes **High** → **Medium** → **Low** → **SOS**. Release the button to select the desired mode.

4 LIGHTING MODES

Super Bright 1500 Lumens with 180m Reach



This image demonstrates the four lighting modes available on the DV28 dive light: High, Medium, Low, and SOS. It visually represents the powerful 1500 lumens and 10-degree narrow beam, capable of reaching up to 180 meters underwater, suitable for various diving conditions and signaling.

Battery Indicator

The built-in power indicator around the side switch displays real-time battery status:

- **Green:** Sufficient Power
- **Orange:** Half of the Power
- **Red:** Low Power (Recharge soon)



This image illustrates the power indicator feature of the DV28 dive light. The LED ring around the side switch changes color to indicate battery status: green for sufficient power, orange for half power, and red for low power, allowing users to monitor battery life during dives.

MAINTENANCE

O-ring Care

The O-rings are crucial for maintaining the flashlight's waterproof integrity. Regularly inspect them for any signs of wear, cracks, or debris. Clean them with a soft cloth and apply a thin layer of silicone grease if necessary to ensure a proper seal. Replace O-rings if they appear damaged, using the provided spares.

STRUCTURE & QUALITY COMPONENTS



This image details the internal and external components of the DV28 dive light. It highlights the durable aviation aluminum construction, the electronic side stainless steel switch with a battery capacity indicator, gold-plated spring, and the crucial waterproof O-rings. Close-ups show the high bright LED, the stainless steel switch, the aviation aluminum body, and the waterproof rings, emphasizing the quality materials used.

Cleaning

After each dive or exposure to saltwater, rinse the flashlight thoroughly with fresh water to remove salt, sand, or other debris. Wipe dry with a soft, clean cloth. Do not use harsh chemicals or abrasive materials, as these can damage the finish or seals.

Storage

Store the flashlight in a cool, dry place away from direct sunlight and extreme temperatures. For long-term storage, it is recommended to remove the battery to prevent over-discharge or potential leakage.

TROUBLESHOOTING

• Light Does Not Turn On:

- Check if the battery is correctly inserted with the positive (+) end facing towards the light head.
- Ensure the battery is fully charged.

- Verify the tail cap is screwed on tightly to ensure proper electrical contact.
- **Water Leakage:**
 - Immediately remove the battery and dry the flashlight.
 - Inspect the O-rings for any damage, cracks, or trapped debris. Clean and re-grease, or replace with the provided spares if necessary.
 - Ensure the tail cap is fully tightened before any submersion.
- **Dim Light Output:**
 - Recharge the battery. Dim output often indicates a low battery level.
 - Clean the lens with a soft cloth to remove any film or debris that might obstruct light.

SPECIFICATIONS



This image provides the physical dimensions and weight of the DV28 dive light. It measures 134mm in length, with a head diameter of 36mm and a tail diameter of 35mm. The total weight, including the battery, is 200 grams, highlighting its compact and manageable size.

Feature	Detail
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Model Number	DV28
White Brightness	1500 Lumens
Water Resistance Level	IPX8 (Waterproof up to 100 meters)
Beam Angle	10 Degrees
Color Temperature	7000 Kelvin
Power Source	Battery Powered
Battery Type	21700 Lithium Polymer (1 included)
Runtime (High Mode)	Approximately 2.5 hours
Material	Aluminum, Stainless Steel
Color	Black
Item Dimensions (L x W x H)	6"L x 1.22"W x 1.22"H (152.4mm L x 31mm W x 31mm H)
Weight (with battery)	200g
Included Components	Battery, Lanyard, Waterproof O-rings, Battery Charger, USB-C Cable



Underwater 100m

IP68 Protection Level

This image shows the DV28 dive light partially submerged in water, emphasizing its robust waterproof capabilities. It highlights the IPX8 protection level, confirming its reliability for use up to 100 meters underwater, making it suitable for deep diving and other water sports.

PRODUCT VIDEOS

Soonfire DV28 Scuba Dive Light Underwater Demonstration

This video demonstrates the soonfire DV28 Scuba Dive Light in an underwater environment, showcasing its brightness and beam quality during a dive.

DV28 Scuba Dive Light for Diving, Snorkeling, Fishing

This video provides a further demonstration of the DV28 Scuba Dive Light's performance, highlighting its utility for various underwater activities such as diving, snorkeling, and fishing.



This image depicts a diver actively using the soonfire DV28 Scuba Dive Light to explore a vibrant coral reef. It showcases the light's effectiveness in illuminating underwater environments, enhancing visibility and the diving experience.

WARRANTY AND SUPPORT

The soonfire DV28 Scuba Dive Light comes with a manufacturer's warranty. For specific details regarding warranty coverage, terms, and conditions, please refer to the documentation included with your product or visit the official soonfire website. For warranty claims, technical assistance, or any product-related inquiries, please contact soonfire customer service directly. Retain your purchase receipt as proof of purchase for warranty validation.