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> Fenix PD26R ACE 1300 Lumen Rechargeable EDC Flashlight User
> Manual

Fenix PD26R ACE

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Fenix PD26R ACE 1300 Lumen Rechargeable

EDC Flashlight User Manual

Brand: Fenix | Model: PD26R ACE

INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation, maintenance, and troubleshooting of your Fenix PD26R ACE 1300 Lumen Rechargeable EDC Flashlight. Please read this manual thoroughly before using the product.



Image: The Fenix PD26R ACE 1300 Lumen Rechargeable EDC Flashlight.

PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Fenix PD26R ACE Flashlight

- ARB-L18-1600 Rechargeable Battery
- USB-C Charging Cable
- Holster
- Lanyard
- LumenTac Organizer
- User Manual (this document)

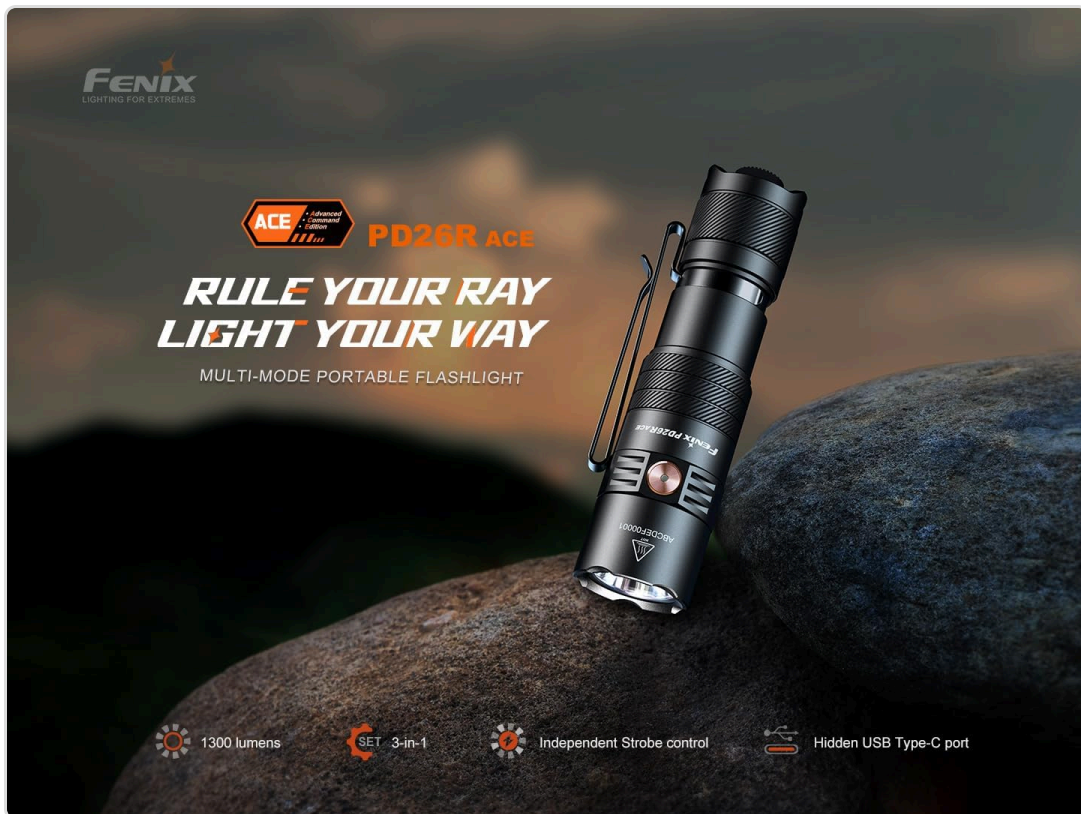


Image: Fenix PD26R ACE flashlight with USB-C charging cable and LumenTac organizer.

KEY FEATURES

- **Powerful Output:** Up to 1300 lumens with a 387-yard beam distance.
- **Compact Design:** Slim 4.17-inch body, weighing 3.6 ounces for everyday carry.
- **Customizable Operation (ACE Technology):** Three distinct mode sets for tactical, security, or everyday use.
- **Dual Switch Control:** Tail switch for instant on/off, side switch for mode selection.
- **USB-C Rechargeable:** Fast charging with a built-in battery indicator.
- **Durable Construction:** IP68 waterproof and impact-resistant anodized aluminum body.

SETUP

1. Battery Installation

The Fenix PD26R ACE uses one ARB-L18-1600 rechargeable Lithium-Ion battery. Ensure the battery is inserted with the positive (+) end facing towards the flashlight head.

2. Charging the Battery

To charge the flashlight, locate the hidden USB-C charging port. This port is revealed by twisting the section of the flashlight body directly opposite the side switch. Connect the provided USB-C cable to the flashlight and a power source. The battery indicator will show charging status.



Image: Close-up of the Fenix PD26R ACE showing the hidden USB Type-C charging port.

A full charge typically takes approximately 2 hours. The battery indicator light will change color and/or flash to indicate the remaining battery life:

- **Solid Green:** 100% - 85%

- **Green Flash: 85% - 50%**
- **Solid Red: 50% - 25%**
- **Red Flash: 25% - 1% (Critical amount, recharge immediately)**



Image: Close-up of the side switch with the battery indicator light, showing different colors for battery levels.

OPERATING INSTRUCTIONS

1. Power On/Off (Tail Switch)

The tail switch controls the basic on/off function:

- **Momentary On:** Tap the tail switch.
- **Constant On/Off:** Fully press the tail switch until it clicks.

2. Mode Selection (Side Switch)

Once the flashlight is on, use the side switch to cycle through the various brightness levels and special modes (Strobe, SOS) available in the currently selected SET mode.

3. SET Mode (ACE Technology)

The Fenix PD26R ACE features three distinct SET modes, allowing you to customize the available light levels based on your needs. To change the SET mode, press the 'SET' button located near the head of the flashlight. The indicator lights (1, 3, 5) will show the currently active SET mode.



Image: Diagram illustrating the three SET modes and their corresponding output options (Eco, Low, Med, High, Turbo, Strobe, SOS).

- **Option 1 (Tactical Operation):** Provides access to Turbo and Strobe modes for high-intensity situations.
- **Option 2 (Security Duty):** Offers Eco, Low, High, Turbo, and Strobe modes, suitable for patrols and security checks.
- **Option 3 (Everyday Outdoor Activity):** Includes all five brightness levels (Eco, Low, Medium, High, Turbo), plus Strobe and SOS,

for versatile daily and outdoor use. This is the initial default setting.

Strobe mode can be turned off separately by holding down the SET button if it is not desired in any of the options.

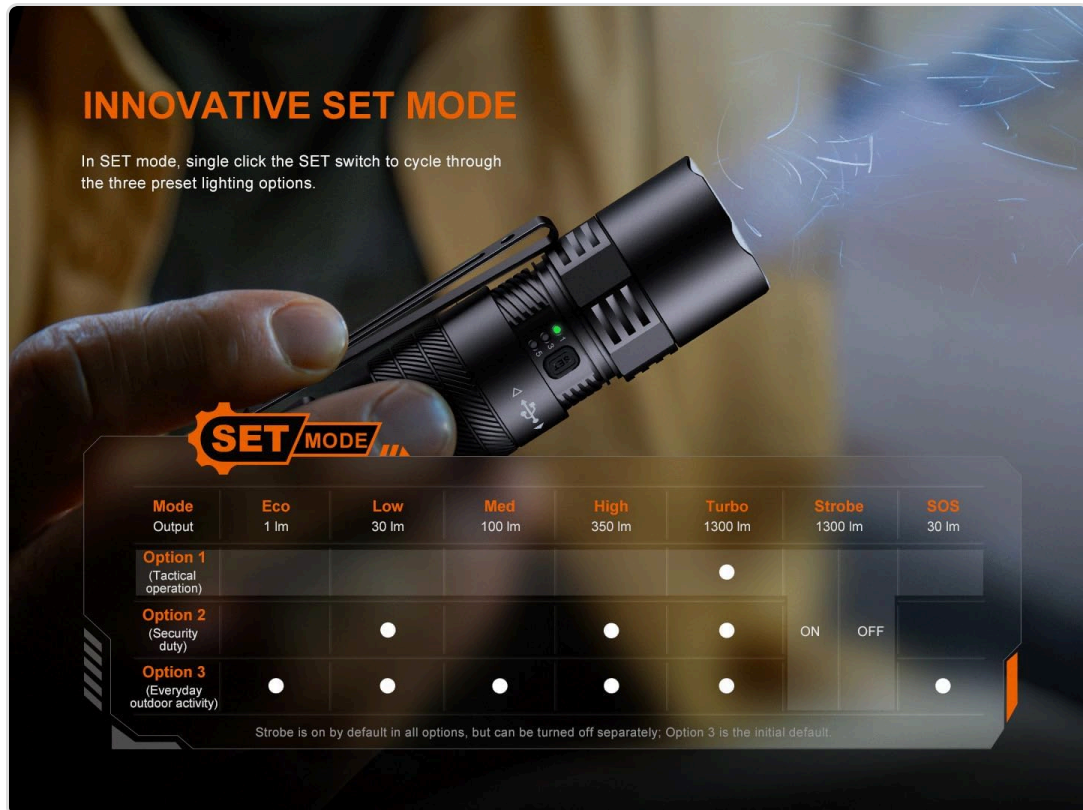


Image: Diagram highlighting the Tactical Tail Switch, SET Switch, and Neck-Mounted Switch for efficient operation.

4. Light Levels and Run Times

The flashlight offers various output levels:

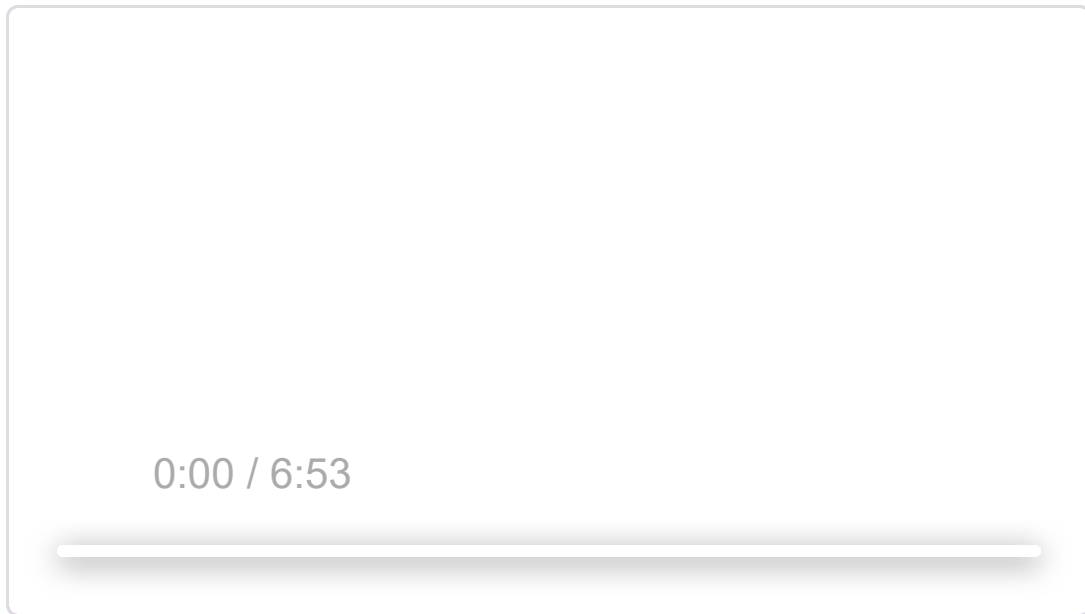
Mode	Output	Distance	Runtime
Turbo	1300 lumens	354 meters (387 yards)	1 hour 2 minutes
High	350 lumens	190 meters (208 yards)	2 hours 13 minutes
Medium	100 lumens	98 meters (107 yards)	8 hours 35 minutes
Low	30 lumens	54 meters (59 yards)	27 hours 7 minutes
Eco	1 lumen	8 meters (9 yards)	556 hours
Strobe	1300 lumens	N/A	N/A
SOS	30 lumens	N/A	N/A

Note: Turbo output is measured in total of runtime including output at reduced levels due to temperature or protection mechanism. Specifications are based on Fenix laboratory testing using one Fenix ARB-L18-1600 battery under 21±3°C and 50%-80% humidity. Actual performance may vary.

A placeholder for a technical parameters table for the Fenix PD26R ACE flashlight. The placeholder consists of a small icon of a document with a green checkmark and the text "Fenix PD26R ACE Technical Parameters Table".

Image: Detailed technical parameters table for the Fenix PD26R ACE.

OFFICIAL PRODUCT VIDEO



Video: "Little Light in a Big World | PD26R ACE" by Lumen Tactical (Seller). This video provides an overview of the Fenix PD26R ACE flashlight, demonstrating its features, light output, and different mode sets.

MAINTENANCE

- **Cleaning:** Clean the flashlight body and threads regularly with a soft cloth.
- **Lubrication:** Apply a thin layer of silicone grease to the O-rings periodically to maintain water resistance.
- **Battery Care:** Remove the battery if the flashlight will not be used for an extended period. Store batteries in a cool, dry place.
- **Water Resistance:** The flashlight is IP68 rated, meaning it is dustproof and submersible up to 2 meters for 30 minutes. Ensure O-rings are intact and properly seated before exposure to water.

TROUBLESHOOTING

If your Fenix PD26R ACE flashlight is not functioning correctly, please refer to the following common issues and solutions:

- **Flashlight does not turn on:**
 - Check if the battery is inserted correctly with the positive (+) end towards the head.

- Ensure the battery is charged.
- Tighten the tail cap securely.
- **Intermittent operation or flickering:**
 - Clean the battery contacts and the flashlight's contact points with an alcohol swab.
 - Ensure the battery is fully charged.
 - Check for loose connections in the tail cap or head.
- **Brightness decreases or mode changes unexpectedly:**
 - This may be due to the intelligent overheat protection. The flashlight will automatically downshift to a lower brightness level to prevent overheating. Allow the flashlight to cool down.
 - Check the battery level; low battery can affect maximum output.

If the issue persists after trying these steps, please contact Fenix customer support for further assistance.

SPECIFICATIONS

- **Light Source:** LED
- **Maximum Output:** 1300 Lumens
- **Beam Distance:** 354 meters (387 yards)
- **Power Source:** 1x ARB-L18-1600 Lithium-Ion Battery (included)
- **Charging:** USB-C Rechargeable
- **Material:** Anodized Aluminum
- **Dimensions:** 4.17" (Length) x 0.97" (Head Diameter) x 1.05" (Body Diameter)
- **Weight:** 3.68 ounces (including battery)
- **Water Resistance:** IP68 (2 meters submersible for 30 minutes)
- **Impact Resistance:** 1 meter
- **Special Features:** Adjustable Light Modes (ACE Technology), Durable, High Lumens, Rechargeable, Weatherproof

WARRANTY AND SUPPORT

Fenix products are covered by a limited warranty. For specific warranty terms and conditions, or to obtain support, please refer to the official Fenix website or contact your authorized Fenix dealer. Keep your purchase receipt as proof of purchase for warranty claims.

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FENIX PD26R ACE

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