

Coast Polysteel 600R

Coast Polysteel 600R Rechargeable LED Flashlight User Manual

Model: Polysteel 600R | Brand: Coast

INTRODUCTION

The Coast Polysteel 600R is a robust and versatile rechargeable LED flashlight designed for durability and high performance. Featuring proprietary COAST Rechargeable-Dual Power technology, it can operate on either the included COAST ZITHION-X™ lithium-ion battery or standard alkaline batteries. Its PURE BEAM® optical system with TWIST FOCUS™ technology allows for seamless transitions between Ultra View Flood Beam and BULLS-EYE™ Spot Beam. Built with a heat-welded, ultra-durable polyethylene exterior and a stainless steel core, this flashlight is stormproof, crush-proof, drop proof, and dust resistant, making it ideal for demanding environments.



A full view of the Coast Polysteel 600R rechargeable LED flashlight in orange and black, showcasing its robust design.

SETUP AND FIRST USE

Battery Installation and Charging

The Polysteel 600R offers dual power options: a rechargeable ZITHION-X™ lithium-ion battery pack or 4xAA alkaline batteries. To install the rechargeable battery pack, unscrew the tail cap and insert the pack with the positive

(+) terminal facing the head of the flashlight. For alkaline batteries, use the provided adapter and insert 4xAA batteries according to the polarity indicators.

To charge the ZITHION-X™ battery pack, connect the included USB charging cable to the micro-USB port on the battery pack and plug the other end into a USB power source (e.g., wall adapter, computer USB port). The charging indicator light will show charging status. A full charge provides up to 40 hours of runtime, with a typical charging time of approximately 5.75 hours.



RECHARGEABLE

5.75 HOUR RUNTIME

The internal rechargeable battery pack with a micro-USB input port for charging. Text indicates 'RECHARGEABLE' and '5.75 HOUR RUNTIME'.



DUAL POWER

RUNS ON LI-ION PACK OR 4XAA

An illustration showing the flashlight's dual power capability, featuring both the rechargeable Li-ion battery pack and a separate carrier for 4xAA alkaline batteries. Text states 'DUAL POWER' and 'RUNS ON LI-ION PACK OR 4XAA'.



COLOR OPTIONS

A layout of all items included with the flashlight: the Polysteel 600R flashlight, USB charging cable, wall adapter, rechargeable battery pack, and alkaline battery adapter. Text indicates 'INCLUDED'.

OPERATION

Power On/Off and Mode Selection

The Polysteel 600R features a Quick-Cycle Power Switch located at the tail cap. Press the switch once to turn the flashlight on. To cycle through the available light modes (High, Medium, Low), quickly press the switch repeatedly. To turn the flashlight off, press and hold the switch for approximately 1 second, or cycle through all modes until it turns off.



QUICK-CYCLE POWER SWITCH

CONTROL AVAILABLE LIGHT MODES

A close-up of the flashlight's tail cap, highlighting the textured power button with an arrow pointing to it. Text reads 'QUICK-CYCLE POWER SWITCH' and 'CONTROL AVAILABLE LIGHT MODES'.

Focusing the Beam (PURE BEAM® Optical System & TWIST FOCUS™)

The flashlight is equipped with TWIST FOCUS™ technology, allowing you to seamlessly transition between two distinct beam types: the Ultra View Flood Beam and the BULLS-EYE™ Spot Beam. To adjust the focus, simply twist the head of the flashlight. Twist one way for a broad, even floodlight, and the other way for a concentrated spot beam with a bright center.



TWIST FOCUSING LENS

PROVIDES 2 BEAMS IN 1 LIGHT

A close-up of the flashlight head with an arrow indicating the twisting motion for adjusting the beam focus. The text 'TWIST FOCUSING LENS' and 'PROVIDES 2 BEAMS IN 1 LIGHT' are visible.

BULLS-EYE SPOT BEAM

ULTRA VIEW FLOOD BEAM

A split image demonstrating the two beam types: a concentrated Bulls-Eye Spot Beam on the left and a wide Ultra View Flood Beam on the right, illustrating the flashlight's versatile illumination capabilities.

USB Power-Out Feature

The ZITHION-X™ rechargeable battery pack includes a convenient USB power-out port. This allows you to use your flashlight as a portable power bank to charge other small electronic devices, such as smartphones or GPS units, in emergency situations or when away from a power outlet. Simply connect your device's USB charging cable to the USB-A output port on the battery pack.



A close-up of the flashlight's battery pack showing a standard USB-A output port, allowing the flashlight to function as a power bank for other devices. Text reads 'USB POWER OUT' and 'CHARGE OTHER DEVICES'.

MAINTENANCE

Cleaning

To maintain optimal performance, keep the flashlight clean. Wipe the exterior with a damp cloth as needed. Avoid using harsh chemicals or abrasive cleaners, as these can damage the polyethylene body. Ensure the lens is clean for maximum light output.

Battery Care

For the rechargeable ZITHION-X™ battery, avoid fully discharging it frequently to prolong its lifespan. If storing the flashlight for an extended period, it is recommended to charge the battery to about 50% and store it in a cool, dry place. If using alkaline batteries, remove them if the flashlight will not be used for a long time to prevent leakage and corrosion.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Flashlight does not turn on.	Low or dead battery; improperly installed battery; loose tail cap.	Charge the ZITHION-X™ battery or replace alkaline batteries. Ensure battery is installed correctly. Tighten the tail cap securely.
Light output is dim.	Low battery; dirty lens.	Recharge or replace batteries. Clean the flashlight lens with a soft cloth.
Cannot change light modes.	Switch malfunction; battery issue.	Ensure battery is fully charged. Try pressing the switch firmly and quickly. If problem persists, contact customer support.
USB power-out not working.	Battery too low; incompatible device; faulty cable.	Ensure flashlight battery is sufficiently charged. Try a different USB cable or device.

TECHNICAL SPECIFICATIONS

Feature	Detail
Model Number	Polysteel 600R
Light Source Type	LED
Brightness	530 Lumens (High Mode)
Beam Distance	247 Meters
Runtime	Up to 40 hours
Power Source	Rechargeable Lithium-Ion (ZITHION-X™) or 4xAA Alkaline Batteries
Material	Polyethylene (PE) exterior, Stainless Steel core
Water Resistance	IPX8 Waterproof (up to 6 meters)
Dimensions	7.84 x 1.86 x 1.91 inches
Weight	0.75 Pounds (12 ounces)
Included Components	Flashlight, ZITHION-X™ Battery Pack, USB Charging Cable, Wall Adapter, AA Battery Adapter

Durability Features

The Polysteel 600R is engineered for extreme durability:

- **Stormproof:** Designed to withstand harsh weather conditions.
- **Crush-Proof:** Built to resist crushing forces.
- **Drop Proof:** Can endure impacts from drops.
- **Dust Resistant:** Protects internal components from dust ingress.

The logo for COAST, featuring the word "COAST" in a bold, italicized, sans-serif font with a registered trademark symbol. The background of the entire advertisement is a dark grey with a repeating pattern of faint, light grey line art depicting various tools and mechanical parts.

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QUALITY FOR OVER A CENTURY

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The flashlight submerged partially in water, with light emanating from the head, demonstrating its IPX8 waterproof rating up to 6 meters.



DROP PROOF

The flashlight lying on a rough, dusty surface, implying its ability to withstand drops.



CRUSH PROOF

The flashlight partially buried under debris or rocks, illustrating its crush-proof design.

WARRANTY AND SUPPORT

Coast products are built to last and are backed by a comprehensive warranty. For specific warranty details, including coverage and duration, please refer to the warranty information provided with your product packaging or visit the official Coast website.

If you encounter any issues not covered in the troubleshooting section or require further assistance, please contact Coast customer support. Contact information can typically be found on the official Coast website or within your product's packaging.

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