



HP25R V2.0

RECHARGEABLE WORK HEADLAMP WITH ULTRA-LONG RUNTIME



1600 LUMENS MAXIMUM OUTPUT



400 HOURS MAXIMUM RUNTIME

(ENGLISH) FENIX HP25R V2.0 HEADLAMP

- 1600 lumens spotlight and 400 lumens floodlight.
- One Luminus 38140 white light LED, one Cree XP-G2 B4 neutral white LED and one Everlight 2835 red light LED; with a lifespan of 50,000 hours.
- Included a Fenix ARB-L21-0000 Li-ion battery, compatible with a 18650 Li-ion battery.
- Separately controlled dual switch for easy and fast operation.
- Lockout function avoids accidental activation.
- USB Type-C charging port for easy and fast charging.
- 60° 68° mechanical dimming the beam where needed.
- Made of quality PC and aluminum, lightweight and wear-resistant.
- Headlamp: 2.36" x 1.88" x 1.32" / 60 x 47 x 33 mm.
- Battery case: 3.90" x 1.61" x 1.58" / 99 x 41 x 39.5 mm.
- Weight: 8.40 oz / 238 g (including battery and headlamp).

OPERATING INSTRUCTION

Switches

- General switch: for on/off and output selection on General mode.
- Functional switch: for on/off and output selection on Functional mode.

On/Off

Press and hold either of the switches for 0.5 seconds to turn on/off the lamp.

Output Selection

General mode: single click the general switch to cycle through Eco - Low - Med - High - Turbo.

Functional mode: single click the functional switch to cycle through Low - Med - High - Red Light - SOS.

Lockout Function

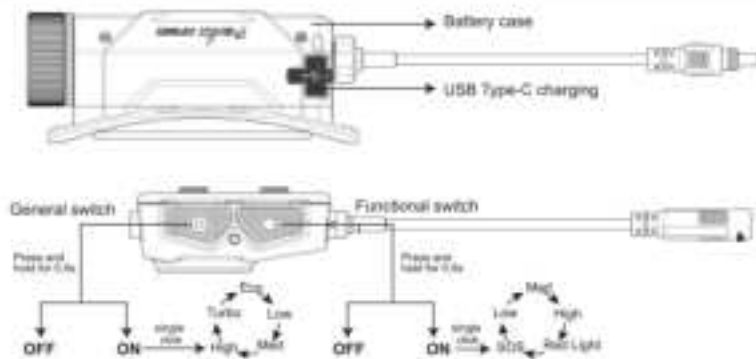
Lock: when the lamp is switched off, press and hold either of the two switches or simultaneously press the two switches for 3 seconds, the lamp will be activated with 2 one-second red status light activated on Red Light.

In locked status, clicking or pressing the switches will activate a one-second red status light to indicate locked status.

Intelligent Memory Circuit

Headlamp memorizes the light selected output. When turned on again, it will automatically output will be recalled.

BATTERY SPECIFICATIONS



TECHNICAL PARAMETERS

ANSI/ PLATO FL1	GENERAL MODE					FUNCTIONAL MODE				
	Spotlight	Spotlight	Spotlight	Spotlight	Spotlight	Floodlight	Floodlight	Floodlight	Floodlight	Red Light
OUTPUT	1600 lumens	1000 lumens	400 lumens	160 lumens	80 lumens	400 lumens	160 lumens	80 lumens	8 lumens	8 lumens
RUNTIME	2 hours	4 hours	8 hours	24 hours	56 hours	8 hours	24 hours	40 hours	40 hours	800 hours
DISTANCE	330 meters	220 meters	140 meters	60 meters	30 meters	30 meters	30 meters	30 meters	30 meters	8 meters
INTENSITY	20941 candela	13957 candela	4652 candela	1975 candela	987 candela	4652 candela	13957 candela	220 candela	16 candela	11 candela
IMPACT RESISTANCE	2 meters					2 meters				
WATER RESISTANT	IPX8					IPX8				

Note: According to the ANSI/PLATO FL1 standard, the above specifications are for the Fenix HP25R V2.0 Li-ion battery pack under the temperature of (14.1°C) and humidity of 50% - 80%. The true performance of this product may vary according to different working environments and the actual battery used.

*The Runtime shown is measured at a time of runtime including output at reduced intensity due to temperature or protection mechanism in the design.

rechargeable Li-ion battery is about 4 hours with a 5V/2A adapter. 4 When charging is complete, replace the anti-kick cap to ensure waterproof and dustproof ability. 5 Recycle a charged headlamp every four months to maintain optimal 1-4000 battery performance. 6 When charging, the headlamp can be normally used, but charging time will be prolonged.

BATTERY LEVEL INDICATION

With the lamp switched off, single click either of the switches to check the battery status. The indicator will last for 2 seconds. Green light on returned 100% - 80%. Green light flashes, sufficient 80% - 50%. Red light on, power 50% - 20%.

Red light flashes, around 20% - 10%.

Note: This only works with Fenix ARB-L21 Series battery.

INTELLIGENT OVERHEAT PROTECTION

The lamp will automatically shut down when used at Turbo mode for extended periods, when the lamp reaches a temperature of 90°C or above. The lamp will automatically stop when a few lumens to reduce the temperature. When the temperature drops below 50°C, it will start above the lamp for the restoration of Turbo mode.

LOW-VOLTAGE WARNING

When the voltage level drops below the preset level, the headlamp is

LIGHTING FOR EXTREMES



fenixlight.com

*Please refer to the QR code for more information about Fenix.



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programmed to download to a lower brightness level with full output is reached. When this happens in Eco output mode, the lamp times 3 times every 5 seconds to remind you to fully recharge or replace the battery. Note: This only works with Fenix ARB-L21 Series battery.

HEADBAND ASSEMBLY

Note: The headband is factory assembled by default. 1. Adjust the headband by sliding the buckle to the required length.

USAGE AND MAINTENANCE

- Disassembling the sealed head can cause damage to the lamp and will void the warranty.
- Fenix recommends using an approved quality Fenix battery.
- If the lamp will not be used for an extended period, remove the battery, or the lamp could be damaged by electrolyte leakage.
- Lock the lamp or take out the battery to prevent accidental activation during storage or transportation.
- Long-term use can result in G-ring wear. To maintain a proper water seal, replace the ring with an approved spare.
- Chemical cleaning of the battery contacts improves the lamp's performance as dirty contacts may cause the lamp to flicker, stop intermittently or even lead to short-circuit for the following reasons:

- The battery needs replacing.
Solution: Replace the battery (ensure the battery is inserted according to the manufacturer's specifications).
- The contact point is in contact of the battery or headlamp is dirty.
Solution: Clean the contact points with a cotton swab soaked in rubbing alcohol.

If the above methods don't work, please contact the distributor.

INCLUDED

Fenix HP25R V2.0 headlamp, Fenix ARB-L21-0000 Li-ion battery, USB Type-C charging cable, 4 x Industrial adjustment screws, 3 x Cable clip, Spare O-ring, User manual, Warranty card.

WARNING

- The headlamp is a high-intensity lighting device capable of causing eye damage to the user or others. Avoid shining the lamp directly into anyone's eyes.
- This headlamp will accumulate a lot of heat when used for extended periods, resulting in a high temperature of the headlamp shell. Pay attention to safe use to avoid burning.
- Do not allow an object at close range, avoid burning the object or causing danger due to high temperature.
- The LED of this headlamp is not replaceable; as the entire lamp would be replaced when the LED reaches the end of its life.
- If any of the information provided in this manual is changed, the new version of the manual must provide. If your included user manual is an old one, it is recommended that you work with a new manual.