

HP12

The powerful waterproof HP12 headlamp features 900-lumen burst mode with a beam distance of 123 meters. The separate battery compartment provides excellent fore-aft balance and supports both rechargeable 18650 Li-ion battery and primary CR123A batteries. Rugged aluminum housing with IP68 waterproof and dust proof rating, HP12 is perfect fit for technical and dynamic activities.

ANSI/NEMA FL1						
MODE	OUTPUT	RUNTIME	MAXIMUM DISTANCE	MAXIMUM INTENSITY	IMPACT RESISTANCE	WATERPROOF
Burst	900 lumens	123m	3784cd	2m	IPX-8 □ underwater 2 meters□	
High	400 Lumens	3h45min				
Mid	150 Lumens	10h10min				
Low	50 Lumens	36h				
Eco	10 lumens	145h				

The above-mentioned parameters (lab-tested by Fenix using ARB-L2S 18650 Li-ion battery) are approximate and may vary between headlamps, batteries and environments.

- ⊙ Utilizes Cree XM-L2 LED with a lifespan of 50,000 hours
- ⊙ Uses one 18650 or two 3V CR123A Lithium batteries
- ⊙ Light size: 62.1mm×41.2mm×33.3mm□244" ×1.62"×1.31")
Battery case size: 93.4mm×41.2mm×33.3mm□3.67" ×1.62"×1.31")
- ⊙ Weight: 145g (5.11 oz) excluding battery
- ⊙ Digitally regulated output - maintains constant brightness
- ⊙ Reverse polarity protection to protect from improper battery installation
- ⊙ All-function switch in the head for easy and fast operation
- ⊙ **High output Burst mode**
- ⊙ Made of quality aluminum alloy and stainless steel
- ⊙ Premium Type III hard-anodized anti-abrasive finish
- ⊙ Toughened ultra-clear glass lens with anti-reflective coating

Operation

On/Off Operation

Press the button on the head to activate the HP12□

Press and hold the button on the head for 0.5 seconds to turn off the light off.

Output Selection

With the headlamp on, Press the button on the head to change brightness levels in the

order of High → Low → Mid.

Burst Mode

Press and hold the button for 1.2 seconds to activate the Burst mode. The light returns to the previous condition after working in Burst Mode for 30 seconds automatically.

Intelligent Memory Circuit

The headlamp memorizes the last used brightness level. The next time you turn on the headlamp, it will light up at the last used brightness level.

Battery Specifications

Type	Dimensions	Nominal Voltage	Usability	
Fenix ARB-L2	18650	3.7V	Recommended	✓
Fenix ARB-L2S	18650	3.7V	Recommended	✓
Fenix ARB-L2M	18650	3.7V	Recommended	✓
Non-rechargeable Battery (Lithium)	CR123A	3V	Usable	✓
Rechargeable Battery (Li-ion)	16340	3.7V	Banned	✗
3.2V Usable/Rechargeable Battery (Li-ion)	18650	3.7V	Cautious*	!
Rechargeable Battery 16340 □LiFePO ₄ □ Rechargeable Battery □LiFePO ₄ □	18650	3.2V	Banned	✗

Note□

*18650 Li-ion batteries are powerful cells designed for commercial applications and must be treated with caution and handled with care. Quality batteries with circuit protection will reduce the potential risk for combustion or explosion but cell damage or short circuiting are potential risks the user assumes. We recommend using Fenix ARB-L2/L2S/ L2M 18650 battery.

Battery Replacement

Remove the cap of the battery box to insert the batteries with correct polarity, then screw the tail cap back on.

Assemble the Headlamp

1. [Attach the headband to the headlamp](#) as shown by first sliding the band down to the bottom of the slot, then hooking the top edge under the top slot.
- 2 Slide the buckle to adjust the length of the headband to fit your head size.
3. Use the clips supplied to retain the battery cable.
4. Attach the top headband to the headlamp holder and the battery box for additional stability.

Usage and Maintenance

ⓈPlease don't disassemble the sealed head, as doing so can cause damage to the light and will void the warranty.

ⓈThe O-ring may be worn out after using for a long time. If it happens, please replace the O-ring with a new one to keep the light properly sealed against water.

ⓈPlease clean the contacts of your light from time to time, especially if the light flickers or doesn't light up. There may be several reasons for a flickering or inoperative light:

Reason A: The battery needs replacing.

Solution: Replace the battery with positive (+) and negative (-) terminals properly aligned.

Reason B: The threads, PCB board contact or other contacts are dirty.

Solution: Clean the contact points with an alcohol soaked cotton swab.

If the above methods don't work, please contact the distributor and refer to the warranty policy.

Product Warranty

We will replace products with manufacturing defects within 15 days of purchase and repair a light free of charge within 24 months of purchase if problems develop with normal use; if repair is required after 24 months from the date of purchase, we will charge for parts. The total repair fee is dictated by the cost of the replaced materials.

Product Registration

We kindly suggest that you register your product on the official website of Fenixlight Limited (www.fenixlight.com). You can get an extra six-month warranty period once you have successfully registered. By participating in an optional customer survey, you are entered in a drawing for free Fenix products.

Warning

HP12 is a high-intensity lighting device capable of causing eye damage. Avoid shining the light directly into the eyes.