

EXP-LED-HL-MSHA

Cordless Rechargeable Explosion Proof LED Mining Headlight - MSHA ATEX IECEx Headlamp

Product ID: 144613

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

EXP-LED-HL-MSHA Explosion Proof Rechargeable LED Headlamp

Lamp Type: LED

Listing: United States, Canada

Dimensions: 3.4"H x 2.4"L x 2.7"W

Weight: 0.5 lbs

Battery: 2600 mAh

Charger Voltage: 100-240V AC, 50/60Hz

Total Lumens: 65

Ambient Operating Temperature - 20 ° to + 60 °

Housing Material:

Lens Material:

Mounting: Attaches to cap bracket

Run Time: 15 Hours on High/60 Hours on Low

Recharge Time: 6 Hours

Ratings/Listings

MSHA Part 18 Certified

MSHA Part 19 Certified

ATEX Ex I M2 ExI certified

IECEx IM2 Ex Certified

IP68 Waterproof

Special Orders - Special Requirements

Contact us for special requirements

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E-mail: sales@larsonelectronics.com

The EXP-LED-HL-MSHA Explosion Proof Rechargeable LED Headlamp slices through the darkness with a brilliant beam of light that reaches over 450 feet. Operators can easily switch between the high and low settings at the push of a button. A single 2600 mAh rechargeable lithium battery powers this headlight for 15 hours on the high mode and up to 60 hours on the low mode. The 65 lumen beam remains consistently bright, with no visible dimming, for the entire run time. When the LED charge is low, an automatic sensor blinks once per minute signaling the low charge to the operator. Built with rugged IP68 toughness, the EXP-LED-HL-MSHA

is MSHA certified carries ATEX and IECEx certifications. This cordless explosion proof headlamp is idea for mining, underground exploration, industrial safety, public works & utilities, law enforcement, firefighting, railway operations, and consumer applications.

The EXP-LED-HL-MSHA Explosion Proof Rechargeable LED Headlamp produces 65 lumens and has a beam reach of over 450 feet. This lamp features high and low settings, which are switched using a simple push button. The 2600 mAh rechargeable lithium battery will power the lamp for 15 hours on the high mode and for 60 hours on the low mode. When the LED charge is low, the automatic sensor will blink once per minute to signal the low charge to the operator.

Rugged IP68 rated construction means this light is completely protected against the ingress of dust and dirt and resists the damaging effects of water even when submerged. The EXP-LED-HL-MSHA is impact and shatter resistant, enabling it to withstand rough handling and extreme wear.

To attach the EXP-LED-HL-MSHA headlight to a cap, simply slide the caphook onto the cap's lamp bracket. A lanyard may be attached to the provided attachment point for added security.



[Click Photo to Enlarge](#)

LED Benefits: Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation and/or transportation. Instead of heating a small filament or using a combination of gases to produce light, light emitting diodes (LEDs) use semi-conductive materials that illuminate when electric current is applied, providing instant illumination with no warm up or cool down time before re-striking. Because there is no warm up period, this light can be cycled on and off with no reduction in lamp life. LED lights run at significantly cooler temperatures than traditional metal halide and high pressure sodium lights and contain no harmful gases, vapors, or mercury, making them both safer and more energy efficient. No extra energy is wasted in cooling enclosed work areas due to external heat emissions from bulb type lights, and the operator risks associated with traditional lighting methods, such as accidental burns and exposure to hazardous substances contained in the glass bulbs, are eliminated. Solid state LED lighting is also safer for the environment as LEDs are 100% recyclable. And recycling simultaneously reduces operating costs by eliminating the need for the expensive special disposal services required with traditional gas burning and arc type lamps.

Power: The EXP-LED-HL-MSHA is powered using a single 2600 mAh rechargeable lithium ion battery, which is charged using a customer provided charging bank or separately sold charger. Recharging from a fully depleted state takes 6 hours. The battery must be charged prior to the first use of the headlamp.

Suggested Applications: This cordless explosion proof headlamp is ideal for mining, underground exploration, industrial safety, public works & utilities, law enforcement, firefighting, railway operations, and consumer applications.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

1. Rechargeable lithium ion battery
2. Beam reach of over 450'
3. 15 hour run time and less than 6 hour recharge time
4. Compact and lightweight
5. Superior LED longevity and durability
6. High and low beam settings
7. MSHA, ATEX, and IECEx Certified
8. Listed for the United States, Europe, and Asia



Frequently Asked Questions (FAQ)









EXP-LED-HL-MSHA

Product ID: 144613

Warranty: 60 Months

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

EXP-LED-HL-MSHA-Charger

Example: EXP-LED-HL-MSHA-US

Charger	
US	-US
UK	-UK
INTL	-INTL

Links (Click on the below items to view):

- [Operations Manual](#)
- [SpecSheetFrench](#)
- [SpecSheetRussian](#)
- [SpecSheetSpanish](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
- [HigResPic7](#)
- [HigResPic8](#)
- [HigResPic9](#)
- [HigResPic10](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)