

NICRON®

Safe & Reliable Portable Lighting Tools

Rechargeable Explosion-proof
Aluminum flashlight

EXB90 (Li-ion battery)
Max Brightness 200 Lumens



Rechargeable Portable Impact
Resistant Explosion-proof
Flashlight

EXB93 (Li-ion battery)
Max Brightness 250 Lumens



Rechargeable Explosion-proof
Headlamp

EXH90 (Li-ion battery)
Max Brightness 170 Lumens



Aoneng Lighting Co., Ltd.

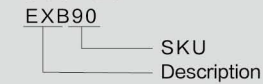
Thank you for choosing NICRON flashlight,
please double check the manual before using!

Parameter	EXB90	EXB93	EXH90
Nominal voltage (V)	3.7	3.7	3.7
Rated capacity (mAh)	2200	2200	1600
Rated power (W)	3/1	3/1	1/0.5
Useful life (H)	100000		
Run time (H)	High	>8	>8
	Low	≥20	≥16
Lumens	High	200	250
	Low	60	80
Current (mA)	High	115	130
	Low	680	680
Charging time (H)	≤8		
Battery life	约1000		
Size (mm)	Φ35x160	Φ52x190	Φ60x51x50
N.W (g)	175	215	88
Explosion-proof sign	115	130	90
Level of protection	IP65	IP66	IP65

Product introduction:

1. Limit to use in the air environment district 1, district 2 and IIA, IIB, IIC grade anti-explosion proof air environment base on China Standard.
2. The new dimming headlamp apply to electricity, metallurgy, petroleum, chemical engineering, industrial and mining, fire control etc, combustible and explosive site.

Such as:



Working temperature:

1. Environment temperature: -20° ~ 55°
2. Relative humidity : ≤98% RH(when the environment temperatur 25°)

Product features:

1. Safe and Reliable: The product certified by China National Quality Assurance Authority, with good anti-explosion proof performance, can work at combustible and explosive site.
2. Energy-efficient: Use famous brand LED bulb, High-high effect, low energy consumption, long operation life.
3. Economical and environment-friendly: high energy with memory battery, big volume, long life, can charge any time, recyclable, low self-discharge rate, economy and environmental protection.
4. Intelligent control: product set with strong light, work light, strobe 3 modes, intelligent chip switch, easy change mode.
5. Smart Function, low power remind function, the strong light mode will move to work light to save energy when low power.
6. Light & Reliable: small volume, light weight, light and handy structure, can handy, across, hang, fit to work demand.

Operating Instructions:

1. Pls use the specified charger to charging at the hole on side before use. The red light will be on when the flashling is charging , the light will turn green once it full charge.
2. The charger built-in the protector, when the flashlight can't charging , the light will be green
3. Regular function: Power on-low-high-power off, long press 3s can activate strobe.
4. To extend battery life pleas chare the light every 3 months.

Use and Maintenance:

- Please do not open the fixed head parts, otherwise, has risk to damage the light without warranty.
- Please use good quality battery, take out the battery when you are going to power off for a long time, since the battery maybe damaged or bomb by itself if you put it for a very long time;
- Please often to clean the current contact pin and surface to ensure light up normally, especially when you find out the light flash a little bit by itself.
- Please close the concealed charge and reverse charge module if you don't need when using and store.
- Below is the normal cannot work and flash issues:
Caution 1: battery run out
solution: please use new battery in correct direction.
Caution 2: thread or PCB with dirty thing
solution: clean the PCB or thread by Alcohol Swabs
If still not work, please contact 86 0757 2232 8481.

Caution:

1. Please go to safty site when change parts, disassembly light, recharge light
2. Please don't light up the flashlight fact to your eyes directly, it will dangerous to damage your eyes or eye slight
3. The products only design to use 18650 size battery
4. Do not throw the 18650 batter into fire or water, please put it in correct polarity when charging.
5. We suggest charging the battery each 3 month a least to protect the battery life if you plan to storage the product for a long time.
6. Please keep the battery far away from children, if eating by mistake, please go hospital at once.

Warranty Terms:

1. Within 15 days after purchase, any defective lights will be offered free replacement by NICRON distributors unconditionally. except for damages caused by misuse , insert batteries in wrong way or batteries weeping
2. Within 24 months from the date of purchase. NICRON offers free repair after service, except for damages caused by misuse, insert batteries in wrong way or batteries weeping.
3. Limited lifetime warranty. NICRON will still provide with warranty service. Labor is free but we will charge for parts. The total repair fee is assessed according to the cost of the replaced materials. Freight should be paid by customers.
More details about warranty service, please contact local distributors or dealers.



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