

## **Xenon Torch LIGHTNING HID Flashlight user manual**

### **Product Features**

Working environment temperature:  $-20^{\circ}\text{C} \sim +50^{\circ}\text{C}$

Starting environment temperature:  $0^{\circ}\text{C} \sim +50^{\circ}\text{C}$

Waterproof degree: IPX3

Continual illuminate time: Low 120mins / High 140mins

Brightness: 2500 lum @ 28W and 3500 lum @ 35W

Bulb life-span:  $\approx 3000\text{hrs}$

Irradiation distance:  $\leq 1\text{kM}$

Color temperature: 5000K

Optical efficiency:  $\leq 100\text{LM/W}$

Material: Aircraft Aluminum

Ballast input voltage: 9~16V

Working voltage: 12.6V

Working current: 3.2A

Starting max current: 8A

Power output: High 35W / Low 28W

Output temporary max voltage: 23KV

Battery mode: ICR18650X3S3P (5500mAh)

Battery charge voltage:  $12.6\text{V} \pm 0.1\text{V}$

Battery lifespan (charge and discharge times):  $\geq 500\text{Times}$

### **Product safety function**

- A、 Circuit opening protection function: starting up light, when output occur abnormal state of circuit opening, it can stop working in 1second and get into protection state.
- B、 Short circuit protection function: starting up light, when output occur abnormal state of short circuit, it can stop working in 1second and get into protecting state.
- C、 Battery recharged protection: It is totally automatic protection in which charge/discharge be reached appointed voltage.
- D、 Battery short circuit protection: when battery short circuit between positive and negative, battery protection board will cut immediately and get into protecting state.

## **Using instruction**

- 1) Press the switch button once to light the Flashlight up at its 35 watt operational stage, press switch second time to adjust it to its 28W lower operational stage, Press the switch third time to turn it off.
- 2) Adjust light shadow: swivel the torch head can adjust the focus to best condition.
- 3) Once HID torch's power is used up, please take out the battery and use the LED bulb in emergency.
- 4) Charge: Charge directly from the back of the HID Flashlight using DC charger, (red light shows under charging, Green light shows fully charged.). When fully charged, the green light on. the charge time is approximate 1-2 hours.

## **Caution**

- 1) Don't use torch to direct shoot eyes and avoid wachting illuminant directly. It might eye damage or temporary blindness.
- 2) Please pre-charge battery full before using. Keep it far away from inflammable、exposable objects.
- 3) when you put the torch into travelling bags or carring case, avoid touching the switch which might result turning on the light and lead to the unnecessary hurt or fire.
- 4) The bulb can be approached the most bright point after turn on after approx 30 seconds, therefore if you want to adjust the focus, after it fully lights up.
- 5) When charge battery using car-charger, start up the engine first.
- 6) When charge in high temperature place or long time continually discharge, the temperature of the torch will be hotter which is normal.
- 7) When lights up after a long time, don't touch the glass lens to avoid burn.

## **Accessories**

- 1) In-door 100-240V to 12V charger 1 pc.
- 2) 12V Car- charger 1pc.
- 3) Lithium battery 1set.
- 4) TACTICAL RETENTION LANYARD 1 pc.
- 5) Amber color lens 1pc.

### **Torch lithium battery using warning instruction**

- a. Don't put it into fire or place it close to fire
- b. Don't make the battery short circuit.
- c. Avoid knocking and shaking the battery.
- d. Don't disassemble battery and use other brand of battery.
- e. Don't dip it into water or other electric liquid
- f. Keep away from children.
- g. When take out the battery, Pls. use battery protection cover to avoid touching the terminals and happens short circuit.

### **Charge/discharge**

- a. Charging environment temperature is 0~45°C, humidity is 65±25%
- b. Please don't use damaged or other brand charger to charge the battery.
- c. Charging time is 1~2 hrs, please don't charge exceed 24hrs continuously.
- d. Please per-charge before using

### **Storage**

Please store the Flashlight at low temperature, dry or ventilated environment.

### **Discard**

Please deal with waste battery according to the local rule.

### **Battery using instruction**

#### Charge

- a. Charge current: ≤4000mA
- b. Charge voltage: ≤12.8V
- c. Charge environment temperature: 0°C ~40°C

#### Discharge

- a. Discharge current being not higher than 4400mA, exceeding discharge current may lead to damage battery capacity and over-heated battery to bring dangers. Discharge environment temperature :-20°C ~60°C
- b. If you don't use it for a long time, it will be made its performance down. So you have to re-charge and discharge completely several times before use it again in order to recover its performance
- c. If don't use it exceed 3 months, please re-charge it one time during storing.

### **Warning**

- 1) Use only the original battery. (In order to avoid danger and malfunction)
- 2) Please avoid impacting and falling.
- 3) After long time lightening, please do not touch the lens to avoid burn.
- 4) Don't disassemble or repair torch by oneself, if open the cover or repair without authorized, it will void its warranty.
- 5) In order to avoid pollution, please deal with waste battery according to local rule.
- 6) Don't throw the battery into fire.
- 7) HID is a high voltage product.(starting temporary voltage approach 23KV) If it appears some abnormal conditions, please return to us for repair right away. In order to avoid harm oneself, don't repair it personally.
- 8) In order to avoid circuit-short, please do not store the battery with metal.

### **Warranty instruction**

The warranty for the battery is 6 months since the purchase date, and for other components are 12 months. Any of following states is not under warranty range, you should charge of the replace elements cost during repair.

- 1、 The product warranty has been expiry.

- 2、 Physical damage
- 3、 Disassemble the product without authorized result in damage.

**Diagram**

