BW7100A, BW7100B
Long Range LED Explosion Proof Flashlight

Hijra'

LED

IP67

-20°C

+50°C

Ex Code: Ex d IIC T6
Standard: GB3836.1, GB3836.2
IEC60079-1:2007,MOD

LED light source(CREE)   **Charger**

Portable

Application

1. It is applicable to mobile lighting in Zone 1, Zone 2, Zone 21, Zone 22 explosive and flammable places.

2. This product is ideal for use in military, oilfield, mining, electric power site, and any other hazardous environment.

Characteristics

■ Equipped with American CREE LED as light source, with 100,000 hours service life. High tech power coating finish for corrosion resistance. The reflector enjoys optimal light distribution design, ensure the flashlight has a high light reflectivity. Its effective beam rang can reach 600 meters.

■ Flame proof type of protection, for safe use in Zone1 and Zone 2 potentially explosive atmosphere.

■ The flashlight is sealed to IP67, water proof, drop resistant to 1 meter. Suitable to be used in all kinds of high stress environment.

■ This product has battery status indication and low battery warning function, Operator can check the battery status at any time. Towards the end of discharge, the beam flashes off repeatedly, warning recharging is required.

■ The flashlight is powered by latest lithium ion battery which has no memory effect, low discharge rate and long service life. It is environment friendly.

■ The flashlight surface adopts anti skidding treatment. The flashlight is portable, besides, it can also carried by the shoulder strap.

■ High intensity light and low intensity light are switchable.

■ The charging is controlled by the chip with multiple protection.

Main specification

Specification	Unit	BW7100A	BW7100B
Rated Voltage	VDC	3.7	3.7
Charging Voltage	VAC	100-240	100-240
Rated Power	W	5	10
Rated Capacity	Ah	6.6	6.6
Runtime (high/low)	lm	400 / 210	610 / 315
Effective Beam Range	m	400	1,000
Runtime (high)	h	8	4.5
Run Time (low)	h	16	10
Recharging Time	h	8-10	8-10
Service Life	h	100,000	100,000
Battery Recharge Cycle	Times	≈1,000	≈1,000
Dimension	mm	φ74×190	φ74×190
Net Weight	Kg	0.7	0.7

Drawing of dimension

φ74mm

Tailcap switch

Charge terminal

192mm