

BW6200E

Portable Explosion-proof
Strong Light Lamp
(Solid-state Lighting)

BW6200F

Portable Explosion-proof
Strong Light Lamp
(Solid-state Lighting)

Protection Grade: IP67
Ex-mark: Ex de II CT6
Ex No.: NLE07382
Patent No.: ZL200430068703.5



Helmet



Magnetic attachment



Cree lighting source



Applications

This product is applicable to mobile lamination in the inflammable and explosive places, such as the petro-chemical plants, power stations, mines, fire-fighting places and metallurgy works.

Features

- Strong magnet is installed on the bottom of the lamp, which can be attached to the iron stand or cabinet, facilitating the operation.
- It adopts the imported high intensity solid LED lighting sources, with good light effects, long service life and energy conservation.
- It will indicate the weak light, strong light and signals well, which can also be shifted freely. Its power consumption can be displayed as well.
- Due to small size, it is portable, or held on the waist or safety helmet. It uses optimized structure design.
- Its charge and discharge are controlled by the intelligent chip inside, with multiple protections, safety and high efficiency.

Product Data

Description	Unit	Model E	Model F
Rated voltage	V	3.7	3.7
Rated capacity	Ah	6.3	4.2
Power of bulb	W	3	1
Luminous flux	High intensity light	100	70
	Low intensity light	30	40
Discharge time	High intensity light	9	12
	Low intensity light	20	20
Effective range	m	130	70
Time of charge	h	8 ~ 10	6 ~ 8
Dimension	mm	185 × 185 × 75	185 × 185 × 75
Package size	mm	236 × 135 × 296	
Net weight	Kg	1	1
Gross weight	Kg	1.6	1.6



Applications

This product is widely applicable to mobile illumination in the inflammable and explosive places, such as the power grid, army, fire-fighting sites, power station, oil field, petro-chemical plant, and railway.

Features

- This explosion-proof lamp can be used safely in inflammable and explosive places.
- The human-oriented bandage is very flexible and soft, and its length can be adjusted. The cap can be put on when the bandage is taken off, or it can be operated on the safety helmet. The illumination angles of the lamp head can be regulated, and the illumination position is decided according to operation needs.
- The push-on switch of the human-oriented alarm lamp can be shifted into the red auxiliary lamp to send out signals for help in case of emergency, so as to ensure safety. 4. The battery consumption can be checked any time owing to the intelligent power consumption display and low voltage alarm. When the power is running out, the lamp will alarm for charging automatically.
- It uses solid maintenance-free LED lighting source, with good illumination effects and service life as long as 100,000 hours. It adopts the new generation of safer lithium battery, which is safe and environmental friendly.
- It uses intelligent chip to control the charging, with multiple protections.

Product Data

Description	Unit	Model A	Model B
Rated voltage	V	3.7	3.7
Rated capacity	Ah	1.4	1.4
Power of bulb	W	1	0.5
Current	High intensity light	350	100
	Operating light	180	
Max illumination within 1m	High intensity light	≥2400	≥800
	Operating light	≥1200	
Discharge time of high intensity light	High intensity light	≥4	≥15
	Operating light	≥8	
Time of charge	h	4 ~ 6	4 ~ 6
Dimension	mm	50 × 65 × 60	50 × 65 × 60
Net weight	g	94	94

BW6310A

Mini Explosion-proof
Headlight

BW6310B

Mini Explosion-proof
Headlight

Ex-mark: Ex ib II CT4
Protection Grade: IP65



Headset



Helmet