



Ex Code: Ex d IIC T4
Standard: GB3836.1, GB3836.2
IEC60079-1:2007,MOD



Osram bulb



Switch



Leather bag



Base charger

Application

It is widely used as mobile lighting in the field of military, petrochemistry, oil field, customs inspection, police, patrol, rescue relief, railway, fire fighting etc.

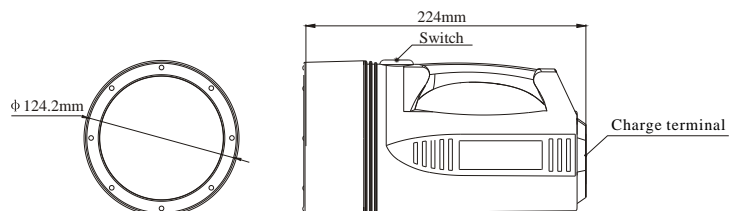
Characteristics of Performance

- Flexible & Convenient : high intensity light and low intensity light switchable. It is portable, besides it can be also carried with with searchlight holster.
- Waterproof&Durability: Made of imported PC material. The optimal designed structure made the searchlight waterproof, dust proof.
- High Efficiency and reliability: It adopts world famous brand light source, which has high light efficacy, long service life, soft light and impact resistance performance. Use the latest large capacity lithium-ion battery improves the service life and eliminates ' memory ' affect.. It equipped with over discharge protection and short-circuit protection. Environment friendly.
- Intelligent charging : The charger is controlled by the chip. It is protected against over-charging, over-discharging and short circuit. It will switch to trickle charging automatically when the battery is fully charged. State of charging is indicated with the colored lights on the charger.

Main specification

Specification	Unit	Parameter
Rated Voltage	V	6
Rated Power	W	25
Rated Capacity	Ah	8
Light Output (high)	lm	1,200
Light Output (low)	lm	300
Beam Distance	m	600
Runtime (high)	h	>2
Runtime (low)	h	6.5
Recharge Time	h	8-10
Service Life Of Bulb	h	1,200
Dimension	mm	φ 123×205
Net Weight	Kg	1.2

Drawing of dimension (Dimensions in mm)



BW6100E Portable Explosion-proof Searchlight (HID)



HID



Ex Code: Ex d IIC T3
Standard: GB3836.1, GB3836.2
IEC60079-1:2007,MOD



Switch



Leather bag



HID light source



Charger

Application

It is an efficient lighting tools for use in military, petrochemistry, oil field, customs inspection, police, patrol, rescue relief, railway, fire fighting etc.

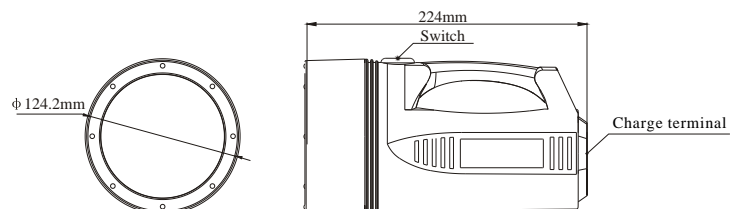
Characteristics of Performance

- **High Range:** The effect beam distance of the super white light reaches above 3,500meters. Its color temperature is 4,300K, has a strong smog penetration, ideal to be used in the fire fighting and the area where smog exist.
- **Flexible & Convenient :** high intensity light and low intensity light switchable. It is portable, besides it can be also carried with searchlight holster and shoulder carrying strap. Quick charger can fully recharge the lamp in 3-4 hours. Meet the requirements of high using frequency.
- **Waterproof&Durable:** Made of imported PC material. The optimal designed structure made the searchlight waterproof, dust proof.
- **Safe& Environment Friendly:** Use the latest lithium-ion technology improves the service life and eliminates ' memory ' affect.
- **Intelligent charging :** The charger is controlled by the chip. It is protected against over-charging, over-discharging and short circuit. It will switch to trickle charging automatically when the battery is fully charged. State of battery charge is indicated with the colored lights on the charger.

Main specification

Specification	Unit	BW6100E
Rated Voltage	V	14.8
Rated Power	W	35
Rated Capacity	Ah	5
Light Output (high)	lm	3,200
Effective Beam Range	m	3,500
Runtime	h	1.8
Charging Time	h	3-4
Service Life Of Bulb	h	10,000
Dimension	mm	φ 123×205
Net Weight	Kg	1.4

Drawing of dimension (Dimensions in mm)



LED



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



Switch



Leather bag



LED light source(CREE)



Charger

Application

It is an efficient lighting tools to be used at the military, petrochemistry, oil field, customs inspection, police, patrol, rescue relief, railway, fire fighting etc.

Characteristics of Performance

- Adopts American CREE LED as light source, with 100,000 hours service life. The searchlight is powered by latest lithium ion battery which has no memory effect, low discharge rate and long service life. It is environment friendly.
- Flame proof type of protection, for safe use in Zone1 and Zone 2 potentially explosive atmosphere.
- High intensity light and low intensity light switchable. Operator can check the energy left at any time. It is portable, besides it can be also carried with searchlight holster.
- Made of imported PC material. The optimal designed structure made the searchlight waterproof, dust proof.
- The charger is controlled by the intelligent chip, having multiple protection function.

Main specification

Specification	Unit	BW6100G	BW6100H
Rated Voltage	V	10.8	10.8
Rated Power	W	3×3W	3×3W
Rated Capacity	Ah	2.1	4.5
Light Output (high/low)	lm	680/315	680/315
Effective Beam Distance	m	600	600
Runtime	High	h	4.5
	Low	h	10
Recharge Time	h	3~4	6~8
Service Life Of Bulb	h	100,000	100,000
Battery Recharge Cycle	Times	≈1,000	≈1,000
Dimension	mm	φ 123×205	φ 123×205
Net Weight	Kg	1.2	1.4

Drawing of dimension (Dimensions in mm)

