

### BAD305 Portable Searchlight

- ◆ Explosion protection to
  - CENELEC
  - IEC
  - NEC
- ◆ Can be used in
  - Zone 1 and Zone 2
  - Zone 21 and Zone 22
  - Class I, Zone 1 and Zone 2
  - Class I, Division 1, Groups A, B, C, D
- ◆ Safe and reliable: the product with reliable explosion-proof performance, can safely and reliably work in various combustible areas, the battery is equipped with PTC thermistor and temperature fuse; double-protected circuit, safety performance enhanced.
- ◆ Efficient and energy-saving: memory-free battery, with long service life, low auto-discharge rate, economic and environmental friendly, solid efficient LED lamp, low energy consumption and long service life.
- ◆ Water-proof and damage-proof: the enclosure is made of imported alloy with high strength, excellent strong impact resistant performance, unique sealing type, with very good water-proof performance.
- ◆ Anti-strong interference: scientific module driving circuit, strong performance of anti-shock and anti-electromagnetic interference.
- ◆ Heat resistant: LED radiator and battery are effectively isolated, which improves the stability of the light.
- ◆ Intelligent control: pulse dimming technology, strong light and working light can be changed at random, with battery detection indicator, which can detect the working condition at any time, intelligent charger is with protection circuit.
- ◆ Portable and flexible: small volume, light weigh, several types of handling like portable and on shoulder, meet different working requirement.



#### Technical data

#### Portable Searchlight BAD305

##### Explosion protection

Gas explosion protection  
Dust explosion protection

⊕ II 2 G Ex d ia IIC T6 Gb  
⊕ II 2 D Ex tb IIIC T80°C Db IP68

##### Certificates

LCIE 13 ATEX\_\_\_\_; IECEX

##### Conformity to standards

EN 60079-0: 2009, EN 60079-1: 2007, EN 60079-11: 2007, EN 60079-31: 2009  
IEC 60079-0: 2011, IEC 60079-1: 2007, IEC 60079-11: 2006, IEC 60079-31: 2008

##### Rated voltage

14.8V

##### Rated capacity

2Ah

##### Lamp(LED)

Rated power  
Current of strong light

9W / 3W  
900mA

##### Continuous working time

Strong light  
Working light

≧ 8h  
≧ 16h

##### Charge time

≧ 8h

##### Service life of battery

about 1000 times cycling

##### Degree of protection

IP68

##### Weight

790g



Zones 1&2; 21&22