

### 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

<b>Explosion protection</b>	
Gas explosion protection	⊕ II 2 G Ex d ia IIC T6 Gb
Dust explosion protection	⊕ II 2 D Ex tb IIIC T80°C Db IP68
<b>Certificates</b>	LCIE 13 ATEX____; IECEx
<b>Conformity to standards</b>	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
<b>Rated voltage</b>	14.8V
<b>Rated capacity</b>	2Ah
<b>Lamp(LED)</b>	
Rated power	9W / 3W
Current of strong light	900mA
<b>Continuous working time</b>	
Strong light	≥ 8h
Working light	≥ 16h
<b>Charge time</b>	≥ 8h
<b>Service life of battery</b>	about 1000 times cycling
<b>Degree of protection</b>	IP68
<b>Weight</b>	790g



Zones 1&2; 21&22