

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	⊕ II 2 G Ex d ia IIC T6 Gb
Dust explosion protection	⊕ 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	9W / 3W
Current of strong light	900mA
Continuous working time	
Strong light	≧ 8h
Working light	≧ 16h
Charge time	≧ 8h
Service life of battery	about 1000 times cycling
Degree of protection	IP68
Weight	790g



Zones 1&2; 21&22