

## Hand Lamps

### HRD305 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.
- ◆ Waterproof 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 freely, 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 weight, several types of handling like portable and on shoulder, meeting different working requirement.

#### Technical data

##### Portable Searchlight HRD305

<b>Explosion protection</b>	
Global (IECEx)	IECEx CQM 13.0026X
Gas and dust	Ex d ia IIC T6 Gb
	Ex tb IIIC T80°C Db IP68
Europe (ATEX)	LCIE 13 ATEX 3089X
Gas and dust	Ex II 2 G Ex d ia IIC T6 Gb
	Ex II 2 D Ex tb IIIC T80°C Db IP68
<b>Certificates</b>	IECEx; ATEX
<b>Conformity to standards</b>	EN 60079-0, EN 60079-1, EN 60079-11, EN 60079-31
	IEC 60079-0, IEC 60079-1, IEC 60079-11, IEC 60079-31
<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>Charging time</b>	≥8h
<b>Charging voltage</b>	100~240V AC, 50/60Hz
<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