

## Hand Lamps

### HRD503 Series Explosion-proof Maintenance Lamps



- ◆ Explosion protection to
  - CENELEC
  - IEC
  - NEC
- ◆ Can be used in
  - Zone 1 and Zone 2
  - Class I, Zone 1 and Zone 2
  - Class I, Division 2, Groups A, B, C, D
- ◆ Safety First: Engineered with superior explosion-proof capabilities, it thrives in hazardous environments where flammable and explosive materials are present.
- ◆ Energy Efficient: Powered by LED technology, it consumes less energy, delivers high luminous efficacy, boasts a long service life, and requires no maintenance, eliminating future upkeep costs. The high-capacity non-memory battery is rechargeable, ensuring sustainability.
- ◆ Waterproof and Resilient: Constructed with alloy enclosure, it withstands impacts and collisions, maintaining its integrity.

- ◆ Versatile and Enduring: Featuring a three-section telescopic pole for height adjustment, the lamp head is thoughtfully designed for versatile angle adjustments, providing multi-directional, all-around illumination.
- ◆ Smart Control: Equipped with intense and working light modes, it utilizes a smart chip for seamless switching between intensities. The intelligent chip also safeguards against overcharging, over-discharging, and short circuits, protecting the battery and extending its life.
- ◆ Portable and Flexible: Its ergonomic design allows the telescopic pole to fold flat, making the lamp compact and easy to carry. The handle includes a designated spot for the pole, ensuring hassle-free movement and enhancing portability.

#### Technical data

##### Explosion-proof maintenance lamps HRD503

###### Explosion protection

Global (IECEX)

Gas

Europe (ATEX)

Gas

###### Certificates

###### Conformity to standards

###### Rated voltage

###### Rated capacity

###### Lamp(LED)

Rated power

Average service life

###### Continuous working time

Strong light

Working light

###### Charging time

###### Charging voltage

###### Service life of battery

###### Degree of protection

###### Weight

IECEX (applied for)

Ex db de IIC T6 Gb

ATEX (applied for)

Ex II 2 G Ex db de IIC T6 Gb

IECEX; ATEX

EN 60079-0, EN 60079-1, EN 60079-7

IEC 60079-0, IEC 60079-1, IEC 60079-7

16V

12.8Ah

50W / 25W

100000h

≥8h

≥16h

≥8h

100~240V AC, 50/60Hz

about 1000 times cycling

IP66

8.6kg

## Zones 1&2