

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



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|--------------------------------|-------------------------------------------------------------------------------------------|
| Explosion protection | IECEx (applied for) Ex de IIC T6 Gb ATEX (applied for) Ex II 2 G Ex de IIC T6 Gb |
| Certificates | IECEx; ATEX |
| Conformity to standards | EN 60079-0, EN 60079-1 IEC 60079-0, IEC 60079-1 |
| Rated voltage | 16V |
| Rated capacity | 12.8Ah |
| Lamp(LED) | 50W / 25W |
| Rated power | 50W / 25W |
| Average service life | 100000h |
| Continuous working time | |
| Strong light | ≥8h |
| Working light | ≥16h |
| Charging time | ≥8h |
| Charging voltage | 100~240V AC, 50/60Hz |
| Service life of battery | about 1000 times cycling |
| Degree of protection | IP66 |
| Weight | 8.6kg |

Zones 1&2