



BAD303

Explosion-proof Portable High Intensity Discharge Hand Lamp

- ◆ Explosion protection to
 - CENELEC
 - IEC
- ◆ Can be used in Zone 1 and Zone 2
- ◆ With dual filament energy-saving lamp, low energy consumption, long service life
- ◆ Made of engineering plastic, high hardness, impact protection and corrosion protection,
- ◆ High-octane and memory free battery, long service life, low self discharging, no pollution.
- ◆ Free shift from strong light to weak light.
- ◆ Carried by hand, on the waist or on the safe cap

BAD303 explosion-proof portable high intensity discharge hand lamp is usable for indoor and outdoor movable lighting and emergency lighting in II A, II B, II C explosive gas atmosphere of oil field, mine and chemical factory.



Zones 1&2

BAD303 Explosion-proof Portable High Intensity Discharge Hand Lamp

Technical Data

Explosion-proof portable high intensity discharge hand lamp **BAD303****Explosion protection**

Gas explosion protection

⊕ II2G Exde II CT4

Certificates

For gas explosion protection

PCEC (China)

Conformity to standards

IEC 60079-0: 2004; IEC 60079-1:2003; IEC 60079-7:2001

Rated voltage

6V

Rated capacity

4.5Ah

Lamps

working voltage

6V

working current

2.5A for high intensity lighting; 0.4A for working lighting

Luminous flux

High intensity lighting $\geq 90\text{lm}$; working lighting $\geq 32\text{lm}$ **Continuous working time**1-2h for high intensity lighting; $\geq 10\text{h}$ for working lighting**Charging time**

12~16h

Battery service life ≥ 500 times recycle, 5 years for average**Visible distance**

Effective distance: 130m; max. distance: 250-300m

Protection class

II (electric shock absorbing)

Degree of protection

IP65

Ambient temperature $-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$ **Dimension**

105 x 53 x 153 (L x W x H)mm

Weight

0.95kg

Dimension drawings (all dimensions in mm)-subject to alteration

