

CS-Y6102-c



Technical parameters

Rated voltage: DC14.4V
 Adaptive light source: LED
 Rated power: 8/24W
 Continuous discharge time: 8h (hard light), 16h (working light)
 Charging time for battery: 8h (after normal use) 12h (after battery exhaustion)
 Weight: 6.0kg
 External dimension: 290*225*600mm
 Rated capacity: 10Ah
 Protection grade: IP65
 Explosion-proof grade: Exde IIC T6 Gc / Ex tD A21 Ip65 T80°C

Applicable place

- ◆ Applicable as movable lighting for Class IIC Group T1-T6, Zone 1, Zone 2, underground areas and other working sites of various flammable and explosive sites in relation to oil fields, smelting, railway, power, public security, petrochemical enterprises, etc.

Performance features

- ◆ High-efficiency: internationally renewed brand of LED light source, with high lighting effect, low energy consumption, minor luminous decay, high color rendering, and no blink. An average lifespan of 100,000h, reducing maintenance costs of the light.
- ◆ Waterproof: full housing design, able to operate in storm rains, specialized alloy housing ensuring that the product can resist to fierce collision and impact.
- ◆ High-energy battery: high-energy memoryless battery for power charge at any time, with electricity quantity within one year following one full charge not less than 80% of its full capacity; electricity quantity within two years following full power charge not less than 50% of its full capacity, designed with a low-voltage and over discharge protection circuit to reliably protect the battery and extend the battery life.
- ◆ Easy to use: unique lamp holder supporting structure is coupled by a flexible metal tube, so the lighting angle can be adjusted freely. A foldable handle is designed on the lamp holder for convenient handling.
- ◆ Multiple options: the light provides spotlighting by default, but can also provide floodlighting with a specialized flood sheet. The user may make a selection based on his/her actual operation requirements.
- ◆ Intelligent control: two working modes: hard light mode and working light mode, with an intelligent chip for lighting control; configured with overcharge, over discharge and short-circuit protection functions; designed with a visualized high-straightness LCD display, the user can learn about the power consumption at any time.