

MV01

Remote Area Lighting System



ATEX Marking:

II 1G Ex ia IIC T4 Ga

IECEx Marking:

Ex ia IIC T4 Ga

UL913 Marking (North American):

Class I, Division 1, Groups A, B, C and D, T4

Ex ia IIC T4 Ga

Class I, Zone 0, AEx ia IIC T4 Ga

Vibration 3G

NEMA 4X

IP20

IK10

Product Description

Good visibility is the precondition for works of any kind to go smoothly, especially in hazardous locations. MV01 Remote Area Light illuminates work sites, ensuring impeccable visibility and safety for workers.

The 125° beam angle along with the lumens ranges from 500 to 1600, MV01 is the first choice for dim working sites or night work. With UL Class 1 Division 1 certification, MV01 is applicable for the safe operation in various inflammable and explosive locations. This portable light can be carried into confined spaces due to its lightweight and compact design. The lamp mast is retractable; it can be extended to 35 inches at most. And with a 360° rotation head, it is easy to adjust to a desirable illumination angle. Power shortage is not an issue for MV01, given that it can work continuously for up to 10 hours on a single charge according to the battery test. MV01 has dual light modes (High/Low) and is equipped with a visible low battery warning indicator. From freezing cold (-4°F/-20°C) to intense heat (104°F/40°C), nothing stops the MV01 from performing its duty.

Benefits & Features

- ① Three pre-set lighting output levels.
- ② High efficiency: up to 1,600 lumens.
- ③ Up to 10 hours of running time.
- ④ Low battery level warning with indicator flashing.
- ⑤ Deployable mast with 360° rotation.
- ⑥ Multiple deployment positions.
- ⑦ Working temperature: -4°F ~ 104°F (-20°C ~ 40°C).
- ⑧ Beam angle: 125°.
- ⑨ NiMH rechargeable battery.

Materials

- ◆ Body: Polycarbonate(PC)
- ◆ Head: Aluminum alloy
- ◆ Lens: Polycarbonate(PC)

Color

- ◆ High Visibility Yellow

Key Information

Model	EX-xxW MV01
Rated Power	Low-beam: 9.5 W / High-beam: 19.5 W
Charge Voltage	10.8V-14.4VDC
Wattage	10.8V (Battery), AC100-240V (Charger)
Voltage	5W-19.5W
Battery Type	Ni-MH
Battery Lifespan	500 cycles
Charge Time	7 hours (1.8A); 14 hours (0.9A)
Run Time(Low)	10 hours
Run Time(High)	5 hours

NOTE: Low Battery Warning (30 mins left): The indicator will flash 30 times (2Hz)



◆ Optical

Model	EX-xxW MV01
Lumens Per Watt	1,600lm
Lumen Output	≥500lm
Lamp Head	1
Beam Angle	125°
CCT	3000K-6500K
Mode	High/Low/Flashing

Packing Information

Model	Dimension (LxW)	Carton Size (LxWxH)	Net Weight	Gross Weight	Deployable Height 1	Deployable Height 2
EX-MV01	355x206mm 14.0x8.1inch	560x400x350mm 22.05x15.75x13.78inch	7 kg/15.4 lb	9.6 kg/21.16 lb	Min. 566mm/22.3inch Max. 800mm/31.5inch	Min. 635mm/25.0inch Max. 909mm/35.8inch

Accessories

◆ Charger



◆ Replacement Battery