
Millionsun integrated solar street light

Millionsun integrated solar street light include high lumen LED lamp, LiFePO4 lithium battery, high efficiency sunpower microcrystal solar panel and a smart controller with PIR motion sensor. Generally, it outputs light in energy-saving mode; when the PIR motion sensor detects a moving object, it will automatically



light at full brightness for a certain time, then turn back to energy-saving mode. As there is no cable needed (no need to connect to municipal electronic power), it is simply installed and there is nearly no need for maintenance. Last but not least, it is 100% clean, green, renewable light, and can be used in for street, garden, country yard, parking lot, seaside resort and exterior area lighting wherever there is sufficient sunlight.

Characteristics:

- Solar panel, battery controller and LED lamp are integrated in one box, smart figure, rational structure, easy installation.
- Optimum system design, scientific and specific, to ensure the operating stability and reliability. High price-performance ratio.
- PIR Intelligent sensor and control management, advanced technology, simple maintenance.
- High luminous efficiency, long life-span, Eco-friendly.
- Easy to maintain and replacement.
- Intelligent energy distribution
- Gradient brightness between energy-saving mode and PIR sensor





Model	MS-5W	MS-12W	MS-20W
Lamp power	5W	12W	20W
Solar panel	5W 9V Poly crystalline solar panel	12W 12V Poly crystalline solar panel	18W 18V Poly Crystalline solar panel
Lithium battery	4.5AH6.4V LiFePo4 battery	9.6V 6AH LifepO4 battery	12.8V 6AH LiFePO4 Battery
Luminous Flux	500 Lumens	1200 Lumens	2000 Lumens
Mounting height	3M	4M	4M
lamp Package	400 * 230 * 90 mm	550 * 290 * 150 mm	700 * 310 * 170 mm
Gross Weight	1.6 kg	3.5 kg	6.8 kg
Sensor	Detection angle: 140	Detection angle: 140	Detection angle: 120
Charging time	6 hours	6 hours	10 hours
Working temperature	-25°-+60°C.	-25°-+60°C.	-25°-+60°C.
Lifetime	≥50000 hours	≥50000 hours	≥50000 hours
Waterproof grade	IP65	IP65	IP65
Warranty	2 years	2 years	2 years
Working time		2 night	2 night
Application	Lighting 12 h at 1W, 1 min of 5W Lighting all night when detected human pass by.	Lighting 12 h at 3W, 1 min of 12W Lighting all night when detected human pass by.	6 lighting modes by remote controller
	Park, Villa, Village, Square, Courtyard, Farm, School, Desert, Prairie, also for Camping, Orchard, Night Fishing, Emergency lighting ect		