

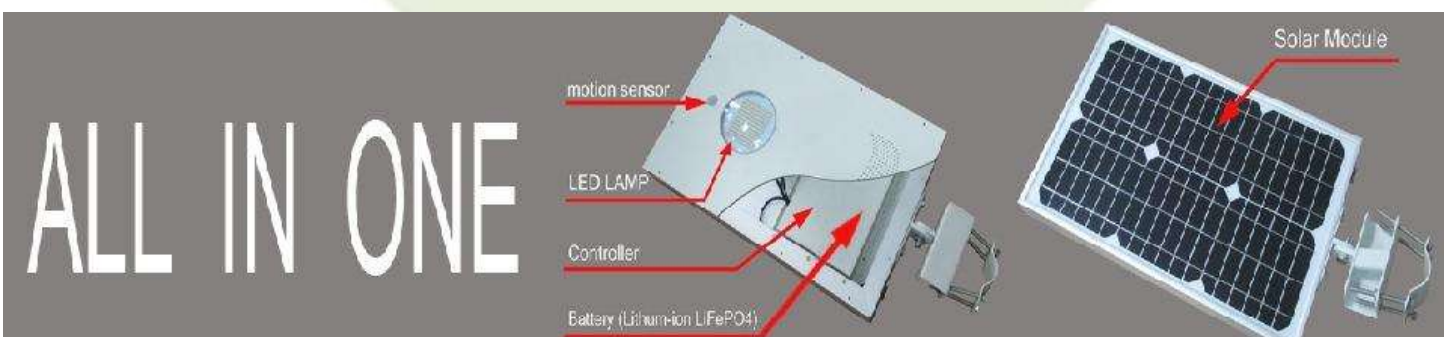
Solar Street Light Model # MP-SIL100

Integrated Solar Street Light with Lithium Ion Battery



Advantages

- Advanced integration design, compacted, fashionable, light and practical
- Using solar power to save electricity, protect the earth's resources
- Using human body infrared sensor control technology, people come, it turns bright; people go, it turns dark, extending lighting time
- Using lithium phosphate battery, ensure the service life of the product
- No need any wires, very convenient for installation
- Waterproof structure with IP65 rating enclosure, safe and reliable
- Modular design, easy installation, maintenance



Solar Street Light Model # MP-SIL100

Description

Magnizon's Integrated solar street light which integrates the green-energy parts solar panel, LED lamp and the Li-Fe battery into a single product, is with human intelligence induction system to gain the solution of low-energy, long-time, high-luminance and free maintenance. And the same time, it's convenient in the shipment and installation.



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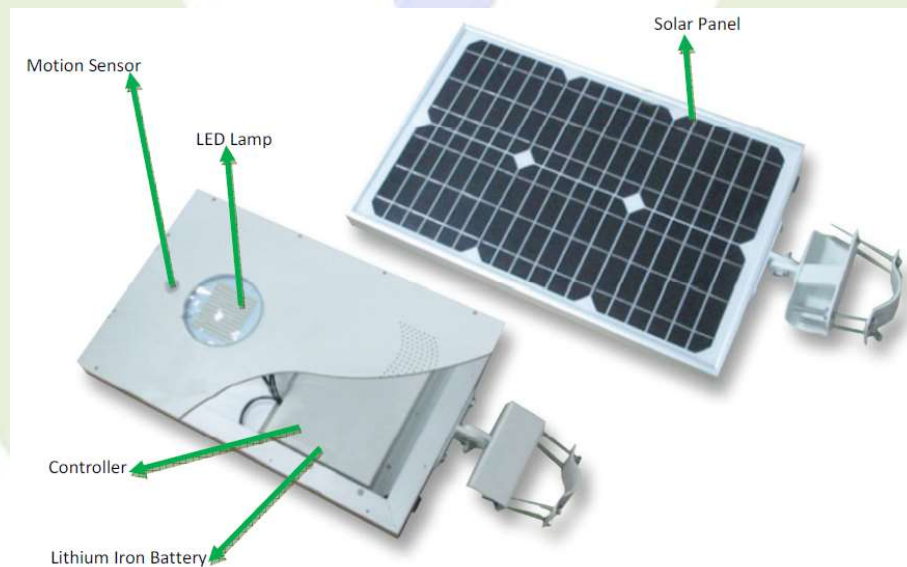
Features

Solar panel, battery and LED lamp are all in one, which is waterproof with IP65 rated enclosure. The shell is made from aluminum alloy, cooperating with good waterproof and airless technology. Dustproof, water proof, anti-static, shocking resistance and applicable for outdoors.

- Be convenient to be dismantled, assembled, carried and transported.
- Ultra-white glass with high light transmittance cloth is used as lens, which makes the light gentle.
- The life span of LED is 50000 hours.
- When the temperature raises up to 50°C under the sun, the fan inside automatically starts to reduce the temperature and be ventilated.
- High-efficient power generation, large capacity, high light efficiency, small volume, light weight, long life span, convenient carrying.
- Flexible stand can be raised to 1 to 2 meters high.
- The lamp head can be rotated 360° flatly and be adjustable 180° uprightly, which is designed to get light around.

Highlights

- Solar panel: High efficiency monocrystalline panel
- LED Lamp: 8w-40w high lumens, USA
- Battery Type: High capacity lithium phosphate battery (LiFeP04)
- Controller: Intelligent R&D of Magnizon



Solar Street Light Model # MP-SIL100

Integrated Solar Street Light (100W)		
Model No.	MP-SIL100	
Solar panel	Max power	37V160W (high efficiency monocrystalline silicon)
	Life time	25 years
Battery	Type	Lithium Ion battery 60AH
	Life time	5 years
LED Lamp	Max power	100W
	Led chip brand	Bridge lux from USA with high brightness
	Lumen (LM)	110-120lm/w
	Life time	50000hours
	Viewing Angle	120°
Charge time	by sun	6 hours
Discharge time	Full power	More than 12 hours
	saving power mode	More than 24 hours
Working Temperature	Range (degree)	-30~+70
Color Temperature	Range(k)	6000k
Mounting Height	Range (m)	10-12m
Space Between Light	Range (m)	20-22m
Lamps material of main	Aluminium alloy	
IP category	IP65	
Warranty Period	2years	
Packing & Weight	Product size	1365*450*153mm
	Product weight	22kg
	Packing box	1400*535*230mm
	Carton size	1400*535*230mm
	Qty/ctn	1sets/ctn
	GW. for carton	28.0kg
Packs Containers	20GP	175 sets
	40GP	380sets

