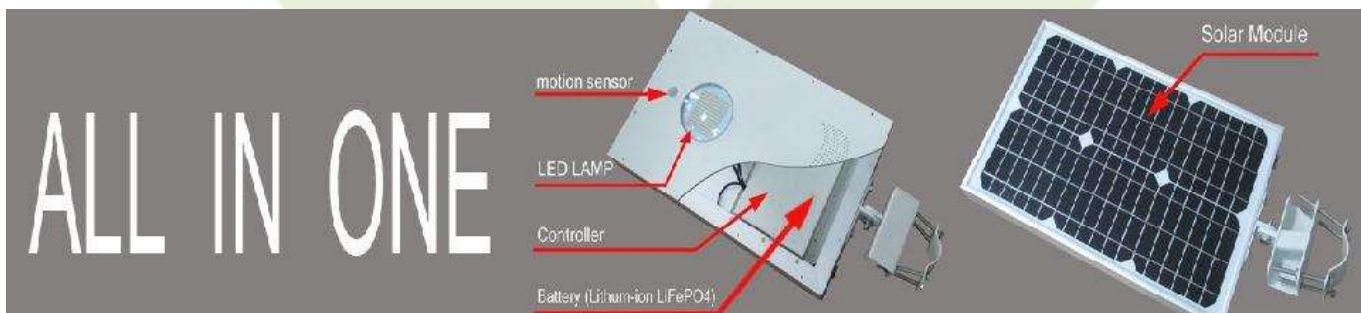


## Integrated Solar Street lights with Lithium Ion Batteries(106W)



### 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 ion phosphate battery, ensure the service life of the product
- ❖ No need any wires, very convenient for installation
- ❖ Waterproof structure, safe and reliable
- ❖ Modular design, easy installation, maintenance.



## Introduction

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.

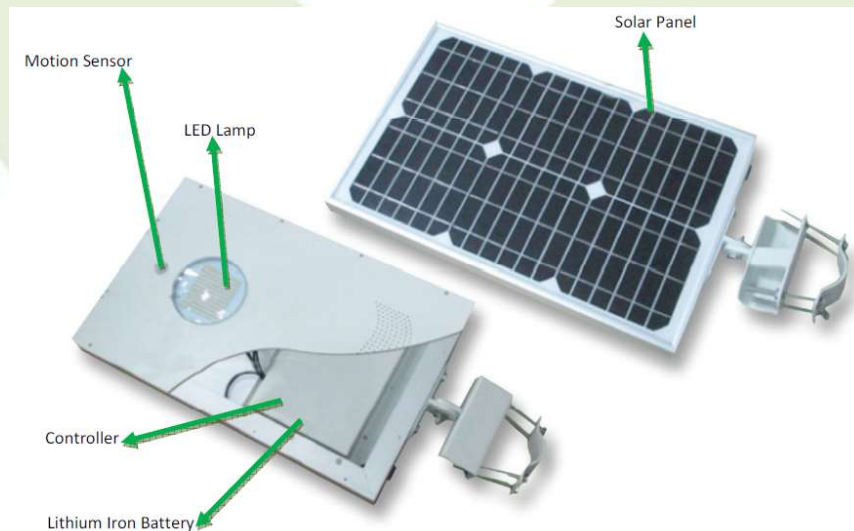
## Features

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

- ❖ Be convenient to be dismounted, 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 100,000 hours.
- ❖ When the temperature raise 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.

## High lights

- ❖ Solar panel: High efficiency monocrystalline panel
- ❖ LED Lamp: 106W high lumens, ship from USA
- ❖ Battery Type: High capacity lithium ion phosphate battery (LiFeP04)
- ❖ Controller: Intelligent R&D of Magnizon



## Specifications

Integrated Solar street light (106W)		
Model No.	MP-SIL106	
Solar panel	Max power	18V/130W (high efficiency monocrystalline silicon)
	Life time	25 years
Battery	Type	Lithium Ion battery 12.8V/63AH
	Life time	5~8 years
LED Lamp	Max power	106W
	led chip brand	Bridgelux from USA with high brightness
	lumen (LM)	13,250LM
	Life time	100,000hours
	Viewing Angle	140°
Charge time	by sun	6 hours
Discharge time	Full power	8~10hours
	Energy saving power mode	more than 22 hours
working Temperature	range (degree)	-30~+70
colour temperature	range(k)	6000k~6500K(customized)
mounting height	range (mtrs)	8~10Mtrs
space between light	range (mtrs)	25 to 35Mtrs
Lamps material of main	aluminium alloy	
IP category	IP65	
warranty period	2years	
Packing & Weight	product size	1830*388*45mm
	product weight	25kg
	packing box	1940*500*150mm
	Carton size	1940*500*150mm
	Q'ty/ctn	1sets/ctn
	GW.for carton	28.0kg
Packs Containers	20GP	133 sets
	40HQ	323sets

