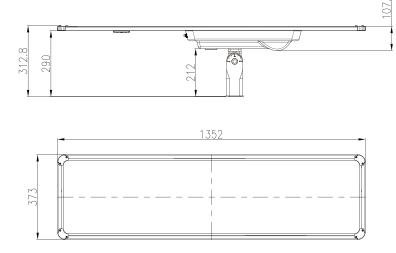
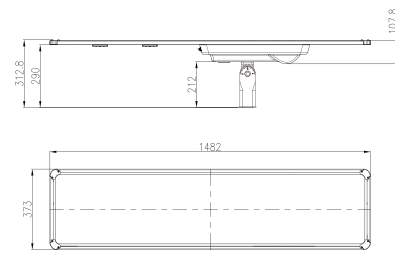


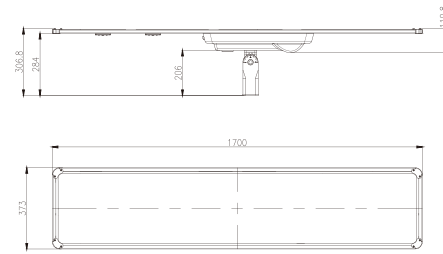
HS-1801



HS-1802



HS-1803



HS-1804

ITEM	HS-1801	HS-1802	HS-1803	HS-1804
Luminous Flux	6800lm	10000lm	13600lm	17000lm
Solar Panel Parameters	Monocrystalline 18v 50w	Monocrystalline 18v 80w	Monocrystalline 18v 100w	Monocrystalline 18v 120w
Battery Parameters	LifeP04 12.8v 24Ah	LifeP04 12.8v 36Ah	LifeP04 12.8v 36Ah	LifeP04 12.8v 36Ah
System Voltage	12V	12V	12V	12V
LED brand	Lumileds / Nichia / Osram	Lumileds / Nichia / Osram	Lumileds / Nichia / Osram	Lumileds / Nichia / Osram
Lighting Distribution	II-S,II-M , III-M	II-S,II-M , III-M	II-S,II-M , III-M	II-S,II-M , III-M
CCT	2700k-6500k	2700k-6500k	2700k-6500k	2700k-6500k
Charge Time	6 Hours	6 Hours	6 Hours	6 Hours
Working Time	2-3Days (Auto Control)	2-3Days (Auto Control)	2-3Days (Auto Control)	2-3Days (Auto Control)
Solar Controller	MPPT	MPPT	MPPT	MPPT
Protection Grade	IP66 IK09	IP66 IK09	IP66 IK09	IP66 IK09
Luminous Efficiency	170 Lm/w	170 Lm/w	170 Lm/w	170 Lm/w
Operating Temperature	-20°C to 60°C	-20°C to 60°C	-20°C to 60°C	-20°C to 60°C
Warranty	≥5 years	≥5 years	≥5 years	≥5 years
Material	Aluminum	Aluminum	Aluminum	Aluminum
Nominal Power	40w	60w	80w	100w
As The market similar solar light power	50w-60w	80w	100w	120w



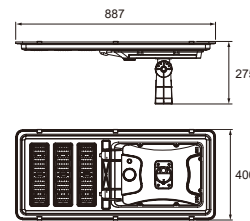
HS-2301



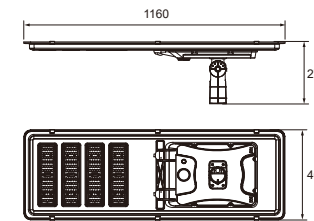
HS-2302



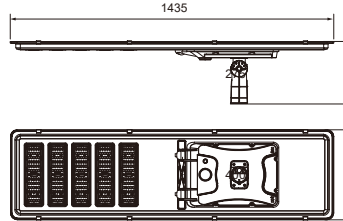
HS-2303



HS-2301



HS-2302



HS-2303

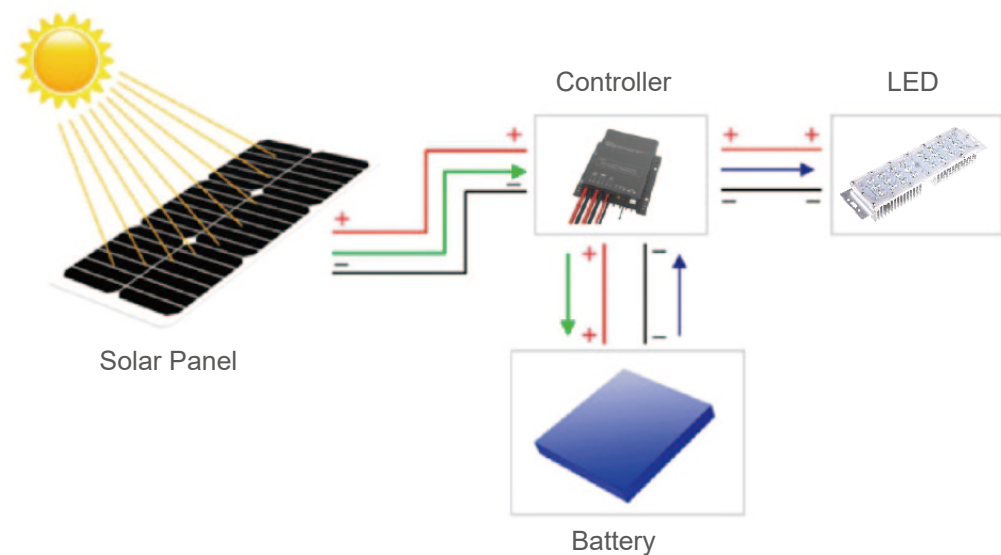
ITEM	HS-2301	HS-2302	HS-2303
Luminous Flux	8738 lm	12335 lm	16366 lm
Solar Panel Parameters	Monocrystalline 17v 65w	Monocrystalline 17v 90w	Monocrystalline 17v 110w
Battery Parameters	LifeP04 12.8v 25Ah	LifeP04 12.8v 35Ah	LifeP04 12.8v 45Ah
System Voltage	12V	12V	12V
LED brand	Lumileds / Nichia / Osram	Lumileds / Nichia / Osram	Lumileds / Nichia / Osram
Lighting Distribution	II-S,II-M , III-M	II-S,II-M , III-M	II-S,II-M , III-M
CCT	2700k-6500k	2700k-6500k	2700k-6500k
Charge Time	6 Hours	6 Hours	6 Hours
Working Time	2-3Days (Auto Control)	2-3Days (Auto Control)	2-3Days (Auto Control)
Solar Controller	MPPT	MPPT	MPPT
Protection Grade	IP66 IK09	IP66 IK09	IP66 IK09
Luminous Efficiency	203 Lm/w	205 Lm/w	204 Lm/w
Operating Temperature	-20°C to 60°C	-20°C to 60°C	-20°C to 60°C
Warranty	≥5 years	≥5 years	≥5 years
Material	Aluminum	Aluminum	Aluminum
Nominal Power	40w	60w	80w
As The market similar solar light power	50w-60w	80w-90w	100w

HUGESHINE INTEGRATED SOLAR STREET LIGHT

Applicable to professional manufactures
of Solar lighting Series



Working Principle

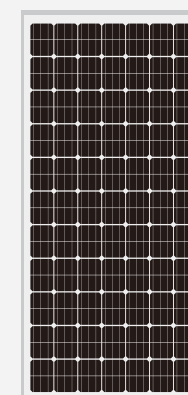


- Feature**
- Flexible selection of high lumen and high luminous flux , customized the best solution of luminaire according to local sunshine
 - Integrated design , easy installation , each component can be easily replaced and maintained , Safe and efficient operation
 - The intelligent controller matches the PIR infrared of intelligent microwave sensor to ensure the effective lighting time of the lamp
 - Adopting high efficiency monocrystalline silicon and conversion rate of 22.7% solar panels , with Top level Life PO4 battery , safety and stable
 - Using special plug connector , color design Fool-proofing , with anti-wrong connection function
 - Adopting adjustable mounted arm , can be adjusted in many angles, suitable for installation requirements of different latitude regions and different type poles
 - Professional waterproof design , Protection grade IP66 , Wind resistance rating 65m/s



LED Source

Provide excellent lumen output, the best stability and excellent visual perception. (Cree, Nichia, Osram&etc.is optional)



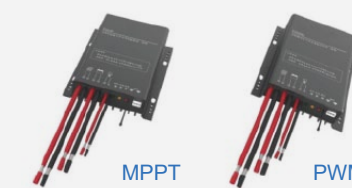
Solar Panel

Monocrystalline solar panels, Stable photoelectric conversion efficiency, Advanced diffuse technology, which can ensure the uniformity of conversion efficiency



LiFePO₄ Battery

Excellent performance
High capacity More safety,
Withstand high temperatures 60°C
Long lifespan, more than 2000 cycles



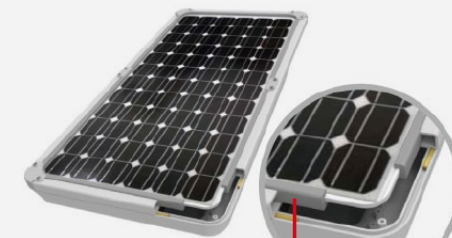
Smart Controller

Enable controller to track maximum charge efficiency,
Micro current charging function
Two options for PIR and Microwave Sensor



Plug-in Design

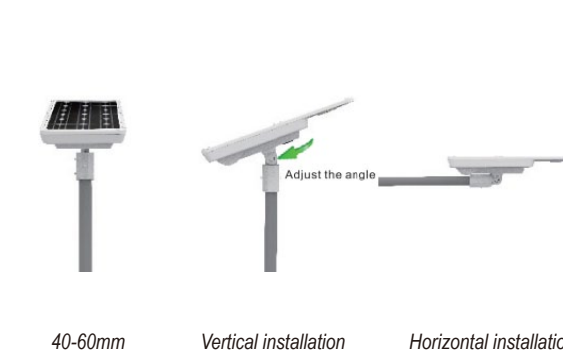
All the wires of the whole lamp are male and female plug-in connectors. The color is designed to be waterproof and has the functions of preventing errors.



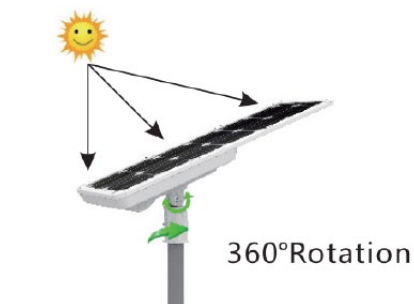
Waterproof apron

IP66 Protection

Installation

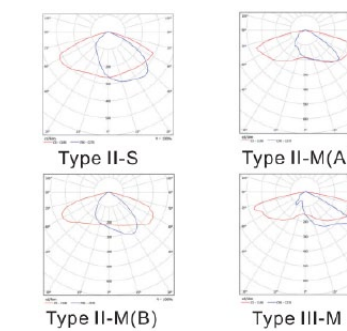


Adjusted Angle



The installation angle can be adjusted to make the solar panels face the sun and improve the charging efficiency to the greatest extent.

Multiple Lenses



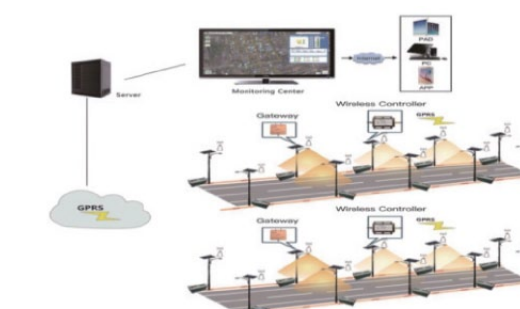
Optical options are available to meet the lighting needs of customers on different roads, parking lots, squares, parks, etc.

Convenient Maintenance



All components can be easily replaced.

Networking Control



Real time monitoring of solar panels, battery and lamp working conditions

Sensor Control System

Daylight	Nobody under the light at night	Somebody under the light at night
When the illumination is less than 10lux, it begins to work.	Reduction time	2H
	100%	30%
	50%	20%
	20%	10%
	30%	10%
Daylight	Automatic closing	

It can be set according to the requirements of customers.