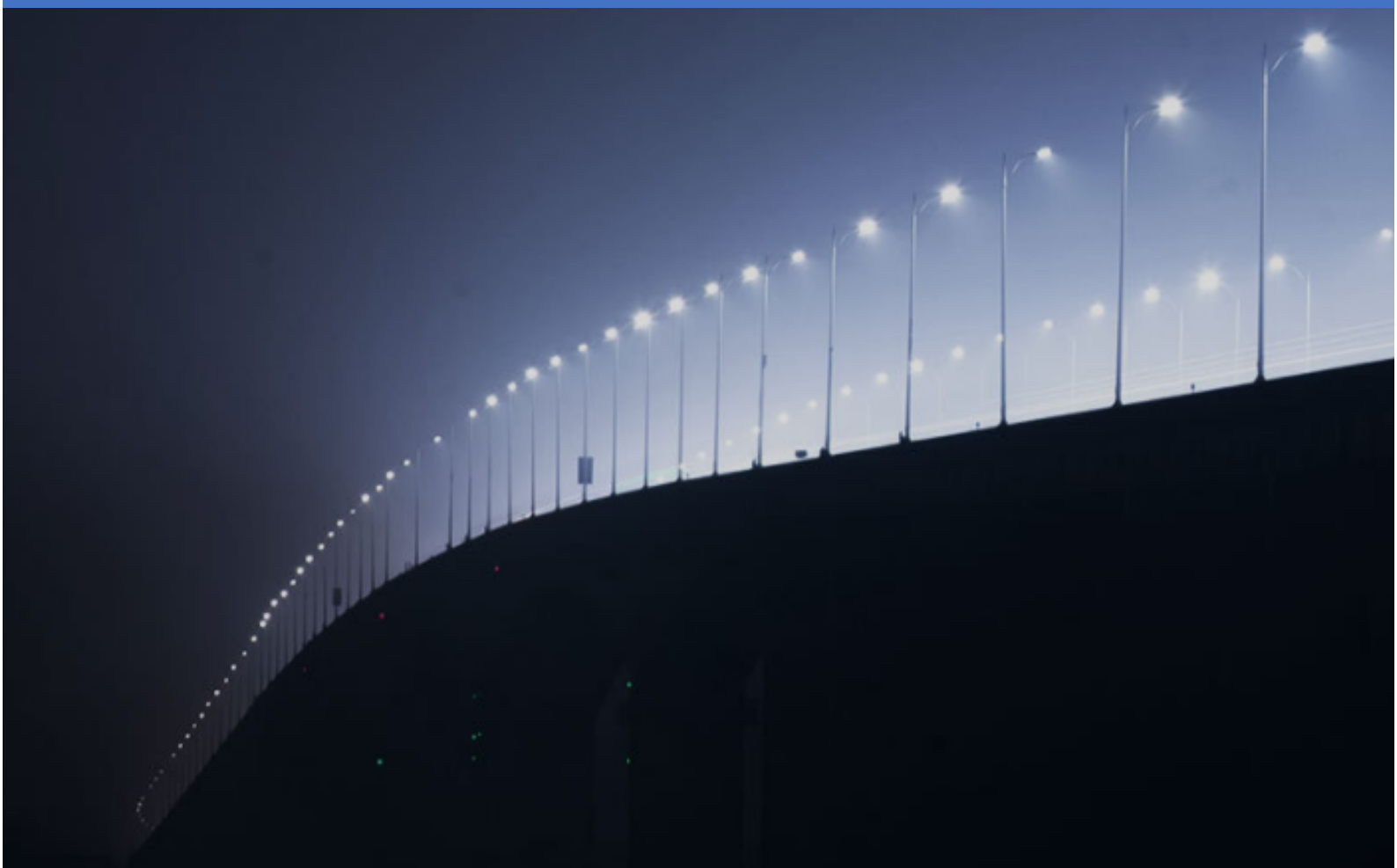


A Series Solar LED street light



Features.:

- Integrated design, making full use of solar resources, simple, stylish, light, and extremely convenient to install. The integrated solar street light does not need to be pulled, and two or three people can install one in ten minutes. It provides a variety of installation methods. The lamp post is made from local materials. Iron pillars, wood, bamboo, plastic, etc., low cost;
- Using solar power supply and LED lighting, the two solutions are perfectly combined to save electricity, protect the earth's environment, and save energy;
- Large-capacity and long-life lithium iron phosphate battery is adopted, with a theoretical service life of 5 years, good high-temperature characteristics and long service life, ensuring the service life of the entire product;
- Alloy material is used as the main structure, which has good anti-rust and anti-corrosion functions; rainproof structure, safe and reliable
- Built-in with PIR sensor, when someone approaches, the light will be fully on for 60 seconds. When the person walks away, the light will automatically reduce to 50% brightness, effectively saving electricity energy.

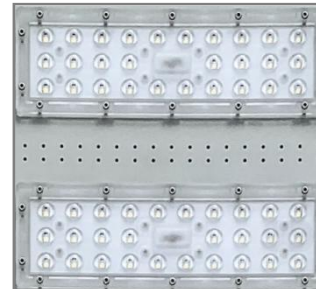
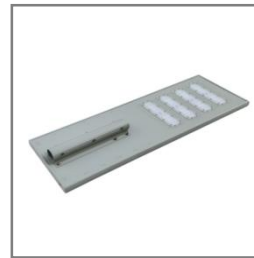
Use: This product is easy to use, with one-button operation, as long as the switch is turned on, the product can work normally without adjustment.

Note: 1. Do not disassemble the product without the guidance of our technical personnel;
2. When installing the product, try to avoid trees, buildings, etc.

Overview



- Protection Rating: IP66
- LEDS: LUXEON 5050Chip
- Efficiency(whole lamp): 175-185LM/W
- Control: Timing/PIR/Microwave optional
- Body: Surface anti-corrosive treatment



Battery:

Large capacity, lithium iron phosphate battery

Solar Panel:

Monocrystalline silicon panels, faster conversion of electrical energy

Optic Lens:

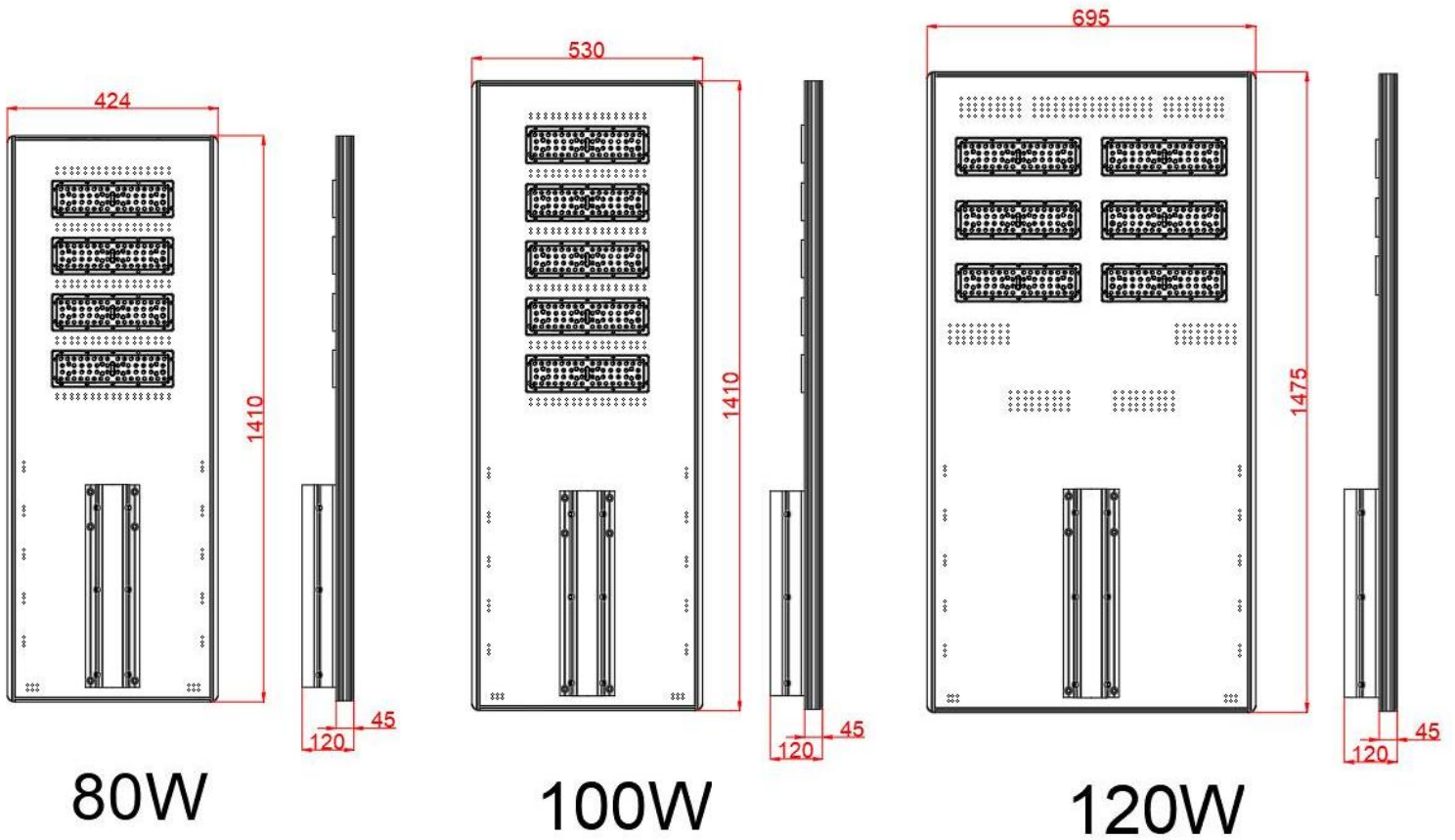
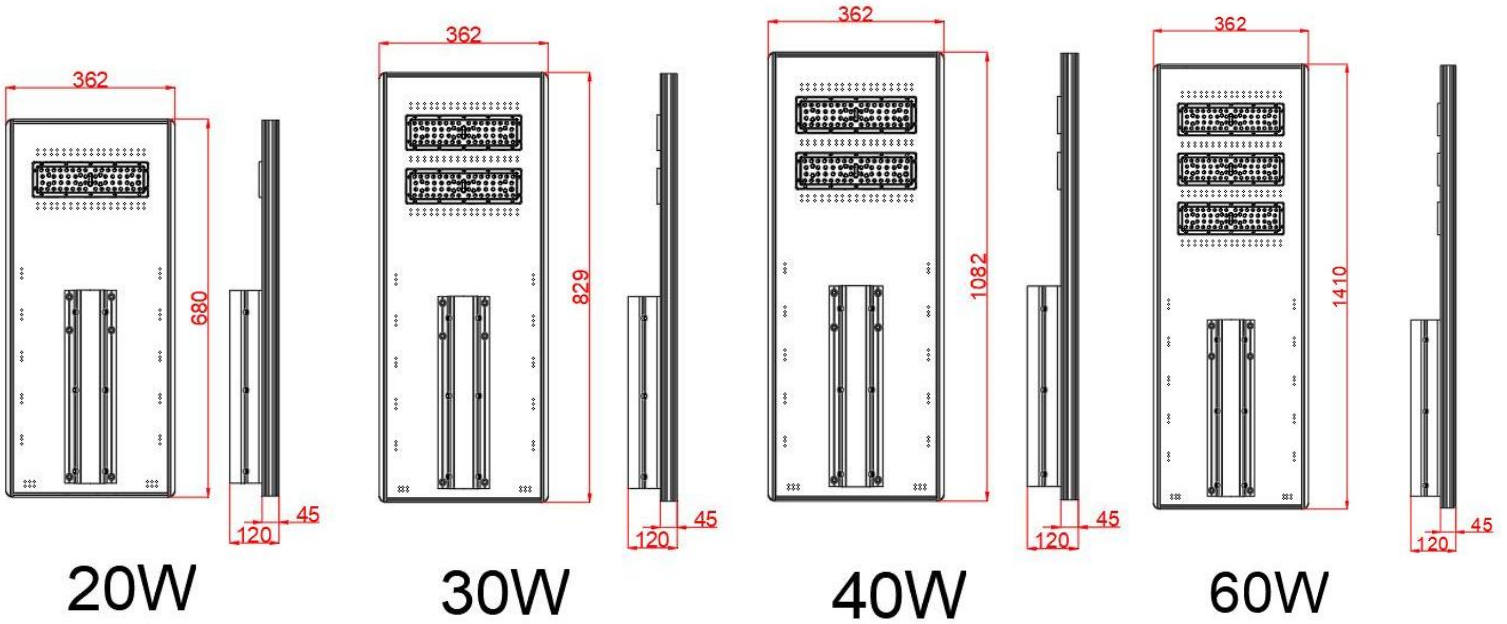
High light transmittance PC cover, more uniform refraction of light, better light transmittance

Lamp Housing:

6063 Aluminum alloy housing

Model	Housing Dimensions(mm)	Housing Net weight	Suitable for Wattage
1 Modules	680*362*120	8 KGS	20W
2 Modules	829*362*120	10 KGS	30W
2 Modules	1089*362*120	12 KGS	40W
3 Modules	1410*362*120	14 KGS	60W
4 Modules	1410*424*120	16 KGS	80W
5 Modules	1410*530*120	19 KGS	100W
6 Modules	1475*695*120	24 KGS	120W

Production dimensions



Products Characteristics

Model:	MS-YTHST20W-A01	MS-YTHST30W-A02	MS-YTHST40W-A03	MS-YTHST60W-A05
Mono solar panel:	6V 40W	6V 50W	18V 60W	18V 100W
Battery capacity:	3.2V 64AH	3.2V 100AH	12.8V 30AH	12.8V 40AH
CCT:	2700K-6500K	2700K-6500K	2700K-6500K	2700K-6500K
Brightness:	175-185LM/W	175-185LM/W	175-185LM/W	175-185LM/W
luminous flux	3500-3700LM	5300-5500LM	7000-7500LM	10500-11000LM
Charging Time:	6~8 hours by bright sunlight	6~8 hours by bright sunlight	6~8 hours by bright sunlight	6~8 hours by bright sunlight
Working Time:	12-15 hours (5-7 rainy days)	12-15 hours (5-7 rainy days)	12-15 hours (5-7 rainy days)	12-15 hours (5-7 rainy days)
Control Mode:	Time control + Microwave induction or Infrared induction	Time control + Microwave induction or Infrared induction	Time control + Microwave induction or Infrared induction	Time control + Microwave induction or Infrared induction
IP Rating:	IP66	IP66	IP66	IP66
Mounting Height:	3-4M	3-4M	5-6M	7-8M
Installing space between 2 Lamps:	10-25M	10-15M	15-20M	15-20M
Mounting hole:	Φ62mm	Φ62mm	Φ62mm	Φ62mm
Housing Finish:	Polyester powder coating	Polyester powder coating	Polyester powder coating	Polyester powder coating
Standard colour(s):	Silver	Silver	Silver	Silver
Materials:	Aluminum Alloy+Tempered glass+Polycarbonate	Aluminum Alloy+Tempered glass+Polycarbonate	Aluminum Alloy+Tempered glass+Polycarbonate	Aluminum Alloy+Tempered glass+Polycarbonate
Body Color:	Silver Gray	Silver Gray	Silver Gray	Silver Gray
Certificates:	CE/RoHS	CE/RoHS	CE/RoHS	CE/RoHS
Warranty:	5 years	5 years	5 years	5 years

Model:	MS-YTHST80W-A07	MS-YTHST100W-A08	MS-YTHST120W-A09
Mono solar panel:	18V 120W	36V 150W	36V 200W
Battery capacity:	12.8V 60AH	25.6V 36AH	25.6V 48AH
CCT:	2700K-6500K	2700K-6500K	2700K-6500K
Brightness:	175-185LM/W	175-185LM/W	175-185LM/W
luminous flux	14000-15000LM	17500-18000LM	21000-22000LM
Charging Time:	6~8 hours by bright sunlight	6~8 hours by bright sunlight	6~8 hours by bright sunlight
Working Time:	12-15 hours (5-7 rainy days)	12-15 hours (5-7 rainy days)	12-15 hours (5-7 rainy days)
Control Mode:	Time control + Microwave induction or Infrared induction	Time control + Microwave induction or Infrared induction	Time control + Microwave induction or Infrared induction
IP Rating:	IP66	IP66	IP66
Mounting Height:	9-10M	11-12M	12-14M
Installing space between 2 Lamps:	20-25M	30-35M	30-35M
Mounting hole:	Φ62mm	φ78mm	φ78mm
Housing Finish:	Polyester powder coating	Polyester powder coating	Polyester powder coating
Standard colour(s):	Silver	Silver	Silver
Materials:	Aluminum Alloy+Tempered glass+Polycarbonate	Aluminum Alloy+Tempered glass+Polycarbonate	Aluminum Alloy+Tempered glass+Polycarbonate
Body Color:	Silver Gray	Silver Gray	Silver Gray
Certificates:	CE/RoHS	CE/RoHS	CE/RoHS
Warranty:	5 years	5 years	5 years

Intelligent lighting control

Automatically charge during the day time and light



Daytime

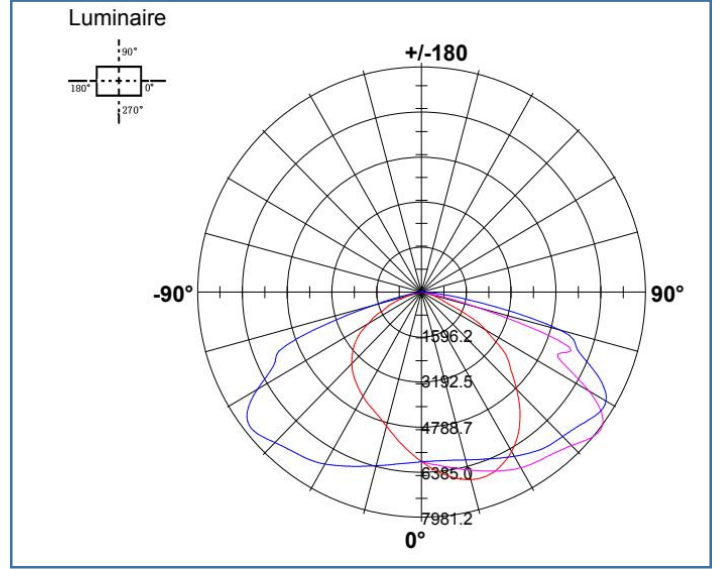
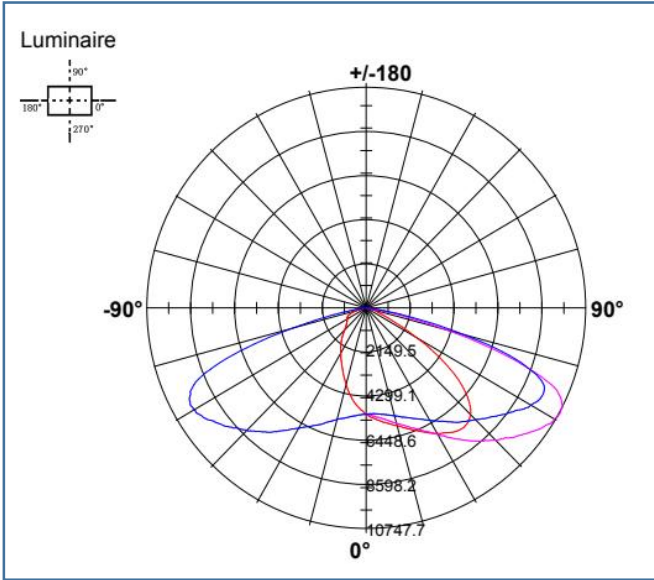


Night

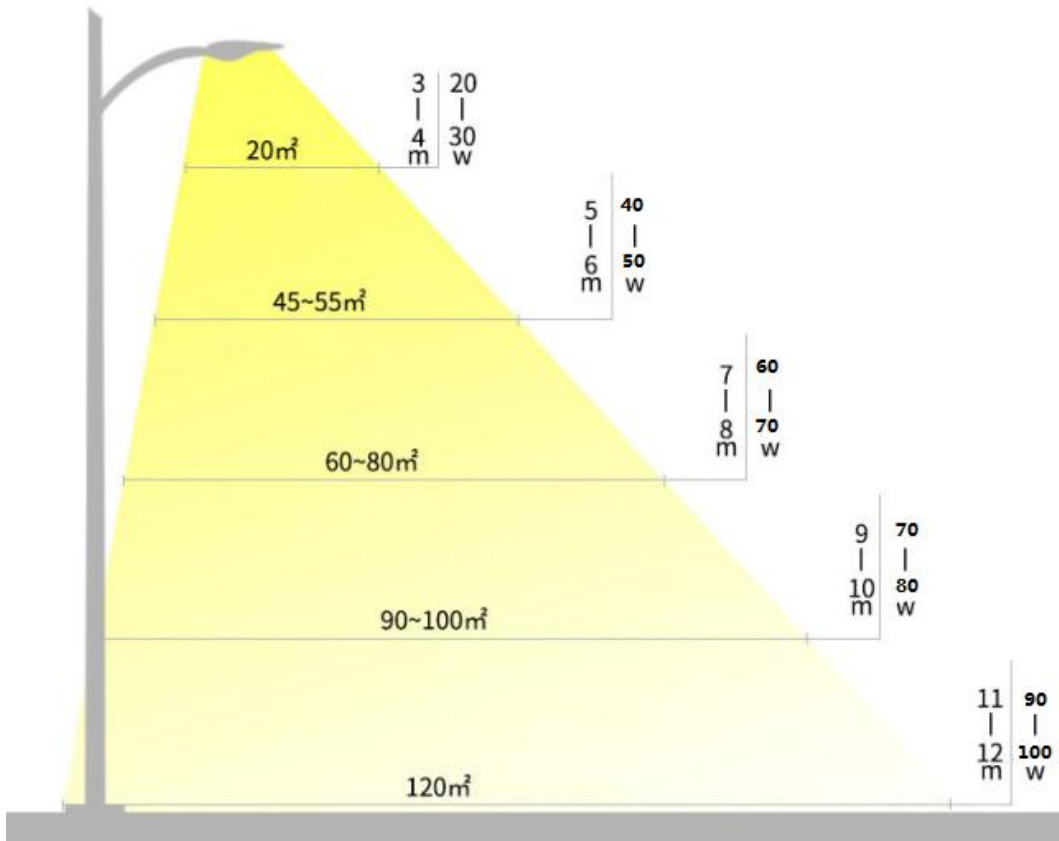
Photometric Distribution

Type II

Type III



Wattage Recommendation

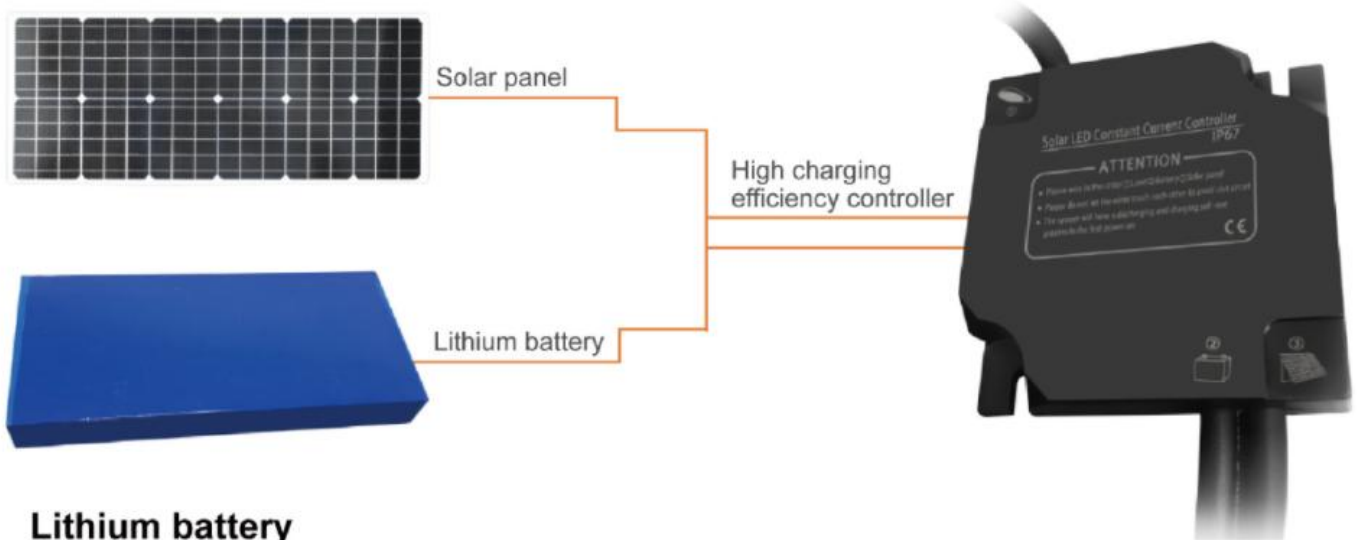


Soar Panels

High charging efficiency controller

Can automatically adjust the output power according to weather changing.

Qualification rate 99.5%



Lithium battery

Can work at temperatures from -20°C to $+55^{\circ}\text{C}$

Lithium iron phosphate(LifePO4) battery **>2000** cycles

Package

Item	MS-YTHST20W-A01	MS-YTHST30W-A02	MS-YTHST40W-A03	MS-YTHST60W-A05	MS-YTHST80W-A07	MS-YTHST100W-A08	MS-YTHST120W-A09
Package Qty	1 PCS	1 PCS	1 PCS	1 PCS	1 PCS	1 PCS	1 PCS
GW	9.1 KG	11.9 KG	14.2 KG	16.3 KG	18.2 KG	22.4 KG	26.7 KG
Carton(m m) (Lamp)	710*400*150 MM	860*400*150 MM	1120*400*150 MM	1430*400*150 MM	1430*455*150 MM	1430*570*150 MM	1505*735*150 MM



Application

It is widely used in urban main and secondary arterial roads, communities, factories, tourist attractions, parking lots, school playgrounds, workers' green spaces, park lighting golf courses, beaches, high-end villa areas and other places.



Mosun Warranty Policy

All products are under 5-year warranty since the date of luminaires were delivered to you.

1. Under warranty terms, if products are broken down under normal usage within warranty period, Mosun company will provide new lamp for instead of or provide FREE Maintenance service based on the proof-documents and invoice (copy) of the failed products.

2. Mosun company will not provide paid maintenance service under following conditions even within warranty period.

a) Failure or damage caused by force majeure.

b) Failure or damage caused by transportation or unloading

c) Failure or damage caused by incorrect usage or fail to comply with the manual and caution

d) Failure or damage caused by demolition, repair or alternation without our authorization.

3. Mosun company always reserves the right for final explanation of aforesaid terms

