

All in one solar street light 30W-150W



- No matter day or night, light "OFF"
- No matter day or night, light "on" for 1 minute.
- At night, 12hrs full power.
- At night, 4hrs full power+8hrs 30%
- At night, 4hrs full power+8hrs motion sensor control.
- At night, 12hrs motion sensor control.

3 types junctions option for different street light pole.



Description

All-in-one design and charged by solar, so the lighting kits are completely wireless and easy to be mounted. What is more, the junction is 90° rotation. Widely arrange mount applications on wall, fence, tree, steps, etc. to light up your garden, hallway, flowerbeds, pillar, deck, yard, patio, or driveway and any other places.

Options

1. Hybrid solution (Priority is given to solar power. When the battery lacks power, it will automatically switch to AC220V power supply).
2. MPPT solar controller option.
3. Battery capacity can be increased as requirements.
4. Working model can be changed as requirements.
5. It is ok to customized bigger power such as 200W 240W if needed.

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Standard Working Model

It will start to turn on automatically at sunset, what is more, it will be full power for lighting when it sensor any movements, but it will be only 20%-30% of power once there is no movement, which will try best to save energy.

Spacification							
Model	GR-SIS-3000B	GR-SIS-4000B	GR-SIS-6000B	GR-SIS-8000B	GR-SIS-10000B	GR-SIS-12000B	GR-SIS-15000B
Equivalent Watt	30W LED	40W LED	60W LED	80W LED	100W LED	120W LED	150W LED
Dimension(mm)	820*385*180	1020*385*180	1190*385*180	1450*385*65	1650*385*65	1800*385*65	1990*385*65
Lumens output	3000-3300lm	4000-4400lm	6000-6600lm	8000-8800lm	10000-11000lm	12000-14400lm	15000-16000lm
LED Chips brand	Philips 3030 SMD						
Mono solar panel	18V 50W	18V 60W	18V 80W	18V 100W	18V 120W	18V 140W	18V 160W
Solar Controller	12V 5A	12V 5A	12V 5A	12V 8A	12V 8A	12V 8A	12V 10A
LiFePO4 Battery	266WH	355.2WH	445WH	532.8WH	621.6WH	680.8WH	796.6WH
Charging time	8-10Hours						
Recharging time	40-48hours						
Materials	Die-cast aluminum+PC Lens.Black/grey housing optional						
Color temperature	3000K/4500K/6500K						
CRI	75%						
IP Grade	IP65 Waterproof						
Sensor type	PIR or Radar sensor						
Beam angle	70*150°						
Working temperature	-25°C~+50°C						
Installation diameter	60-65mm						
Installation height	3meter-10meter height pole						
Certificates	CE RoHS LVD EMC						
Warranty	2Years						
Remark	Hybird solution / MPPT controller and other special requirements can be customized.						