

All-In-One LED Solar Street Light

PVSS Series



Introduction:

Absorbing energy from our sun and turn it into area illumination when it is dark. The integrated photo voltaic module, micro controller and lithium battery combine with high output LEDs and a human infrared sensor to achieve multiple features such as low power consumption with high luminance.

IP65 rated components ensure endurance against harsh weather and keep it free from corrosion and premature failure.

Features:

- Solar panel, LED, lithium battery, sensor, controller, all-in-one design.
- Easy installation. No cable needed
- Light output can be adjusted automatically by a built-in infrared sensor
- Modularity design. Easy assemble and maintenance
- Compact volume and light weight design saves freight cost and installation cost
- Rust-proof, dustproof and waterproof
- Safety and reliability
- Two years warranty



Model NO.	PVSS 0815	PVSS 1218	PVSS 1525	PVSS 1840	PVSS 2045	PVSS 2550	PVSS 3060	PVSS 4060	PVSS 5080	PVSS 6090
Physical Specification										
Light Source	8W LED	12W LED	15W LED	18W LED	20W LED	25W LED	30W LED	40W LED	50W LED	60W LED
Solar Module	15W	18W	25W	18W	45W	50W	60W	60W	80W	90W
Infrared Sensor	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Option	Option
Over charge/ discharge protection	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Dimension (mm)	439*325*43		689* 325*43	829*32 5*140	1079*3 25*140	1189*325*140			1189*450*140	
Net Weight	5.0Kg	5.0Kg	9.2Kg	10.8kg	14.6Kg	16.2 Kg	16.2Kg	16.2 Kg	19.8Kg	19.8Kg
Light Output										
Lumen (Bright Mode)	1040lm	1560lm	1950lm	2340lm	2600lm	3250lm	3900lm	5200lm	6000lm	7200lm
View Angle	120°	120°	120°	780lm	120°	120°	120°	120°	120°	120°
Color Temperature	6000k- 6500k	6000k- 6500k	6000k- 6500k	6000k- 6500k	6000k- 6500k	6000k- 6500k	6000k- 6500k	6000k- 6500k	6500K- 7300K	6500K- 7300K
Light Sensitivity (typ.)	30 lx	30 lx	30 lx	30 lx	30 lx	30 lx	30 lx	30 lx	30 lx	30 lx
Work Time (Bright)	≥10hrs	≥10hrs	≥10hrs	≥10hrs	≥10hrs	≥10hrs	≥10hrs	≥10hrs	≥10hrs	≥10hrs
Work Time (Dim)	≥20hrs	≥20hrs	≥20hrs	≥20hrs	≥20hrs	≥20hrs	≥20hrs	≥20hrs	≥20hrs	≥20hrs
Environmental Rating										
Charging Temp.	0°C-+60°C									
Discharging Temp.	-20°C-+60°C									
Storage Temperature	-20°C-+45°C									
IP Rate	IP65									
Installation										
Installation Height	3-4m	3-4m	4-5m	5-6m	5-6m	5-6m	6-7m	6-7m	7-8m	7-8m
Installation Distance of Poles Range	8-10m	8-10m	10-15m	18-20m	18-20m	18-20m	20-25m	20-25m	25-30m	25-30m

