

Solar LED Garden Light - G Series

20W/30W/50W



IP66

IK10

G series solar garden lamp use imported high-efficiency monocrystalline silicon solar panel , smart MPPT controller, deep cycle LiFe)4 battery, high-efficiency bridgelu led chip, all in one Integrated design, easy to install, use and maintenance.



Features

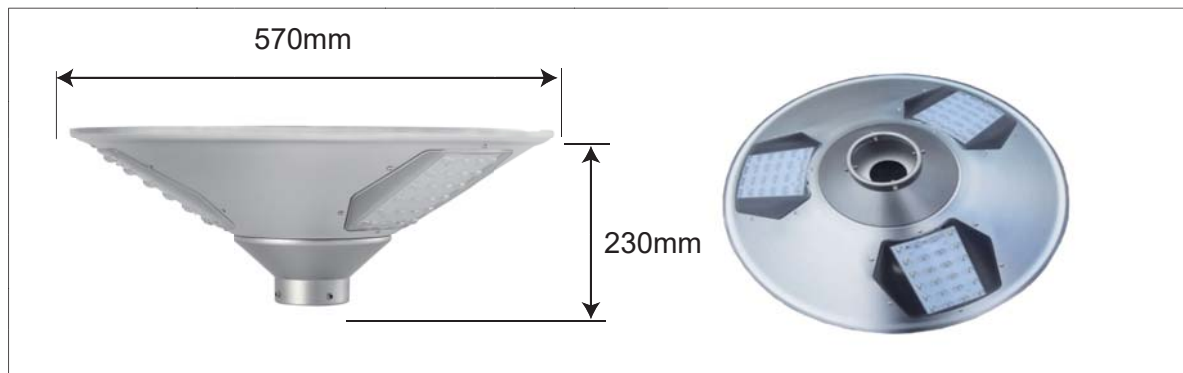
1. High class Integrated Aluminum alloy case.
2. Lighting mode with intelligent power set function
3. 360° view angle
4. Over 3-5 nights lighting after full charge
5. Easy to install, Auto on/off (when in night, voltage on solar panel <4Vdc, lamp off automatically, - in daytime, voltage >4V, on automatically).
6. With remote control, UVA technology, bring high corrosion resistance, 30m remote control operation, increase/decrease the brightness

Application

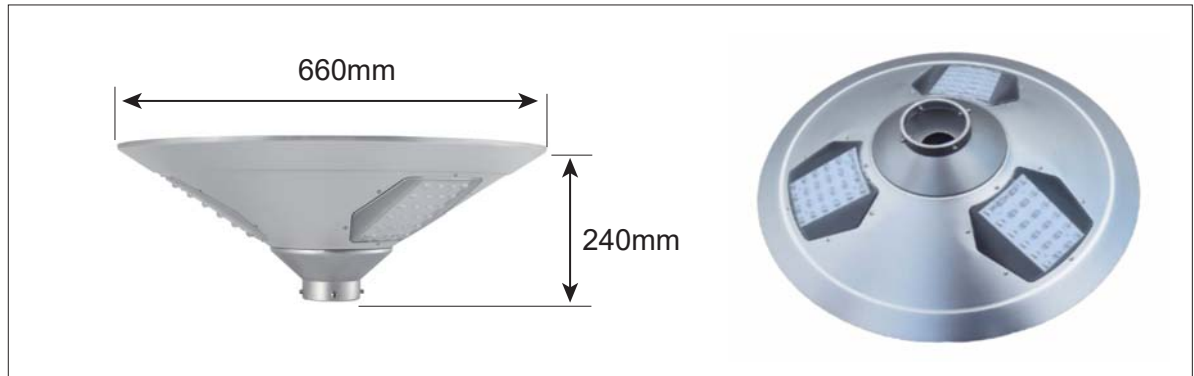
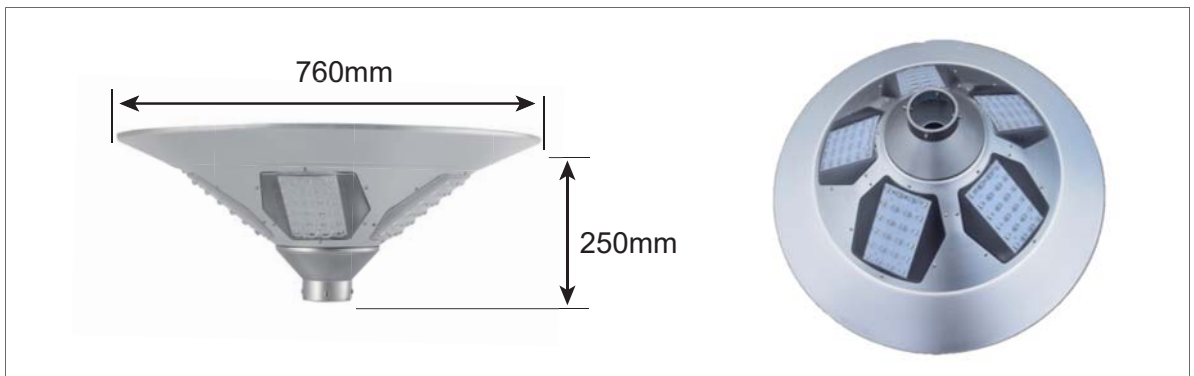
1. Street Lighting, Road Lighting, Roadway Lighting
2. Outdoor Area Lighting, High Mast Lighting
3. Park, schools, square, Parking lots



Dimension (Unit: mm)



Dimension (Unit: mm)

HE-G-30W

HE-G-50W


Technical Specification

A: Technical Parameter

Model	HE-G-20W	HE-G-30W	HE-G-50W
Lumen	140lm/w	140lm/w	140lm/w
Solar Panel	18V30W	18V40W	18V50W
Mount Height	3-4m	3-5m	4-6m
Mount Space	10-15m	10-20m	15-20m
Battery	153.6WH 12.8V	320WH 12.8V	420WH/12.8V
Dimension(Lamp)	570*570*230mm	660*660*240mm	760*760*250mm
LED Source(Bridgelux)	3 Modules(72pcs)	3 Modules(72pcs)	5 Modules(120pcs)
Cloudy/Rainy days	3-5Cloudy/Rainy days		
Solar Charging Time	6-10 hours by bright sunlight		
Motion sensor	Optional		
Beam Angle	360°		
IP Rating	IP66		
CCT	2700~6500K		
Install Pole diameter	Φ70-Φ76mm		
Lighting Mode	Dusk to dawn + Time controll + Remote Controller		
Material	High Class Aluminum		

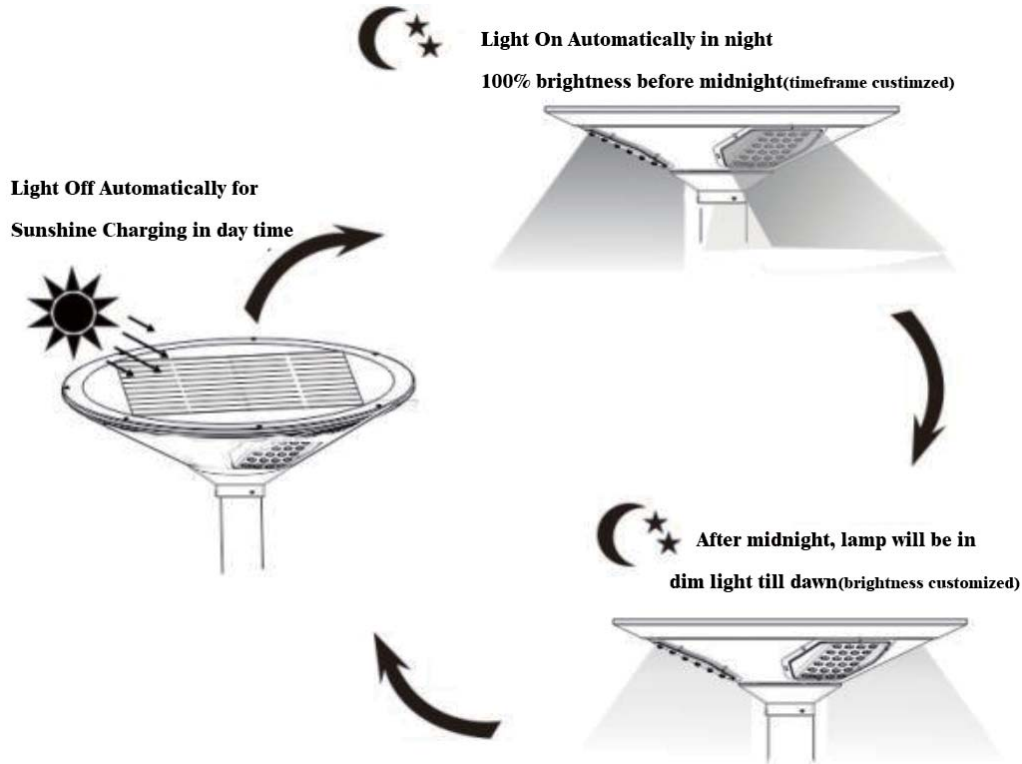
B: Environmental

Temperature Range Operating	-20°C to 50°C
Humidity Range Operating	10% to 80%
Temperature Range Storage	-40°C to 65°C
Humidity Range Storage	10% to 80%

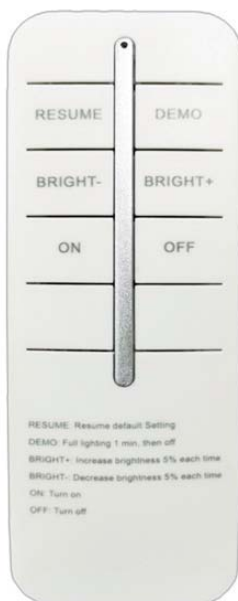
Components Features



How it works



Remote control

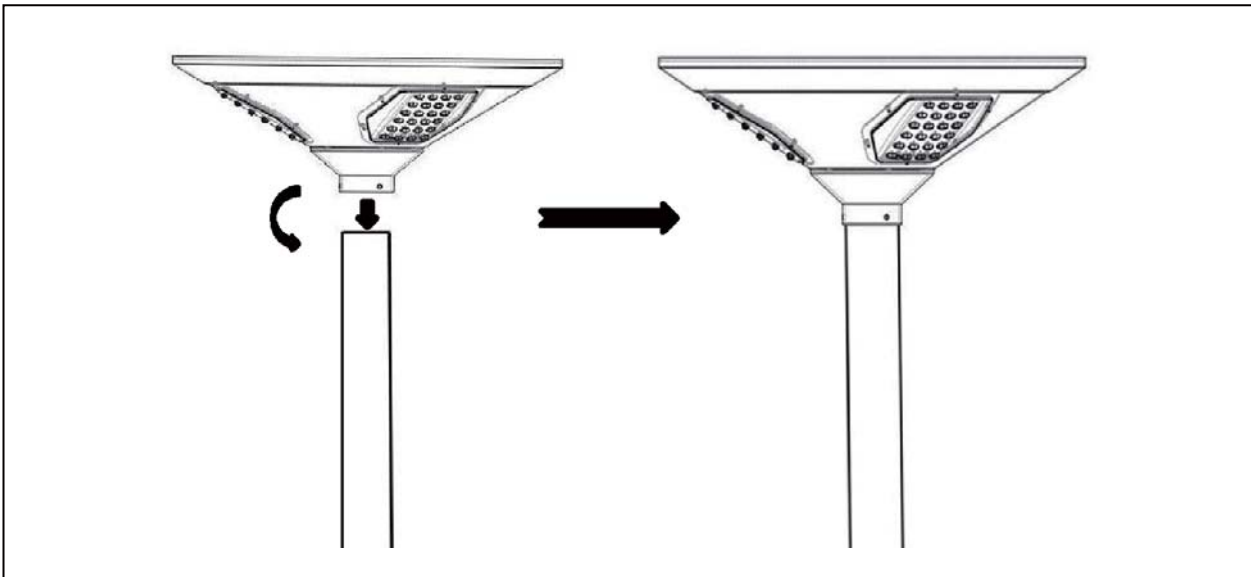


- RESUME** Resume default Setting
- DEMO** Full lighting 1 min, then off
- BRIGHT-** Increase brightness 5% every time
- BRIGHT+** Decrease brightness 5% every time
- ON** Turn on
- OFF** Turn off

Packing

Item	HE-G-20W	HE-G-30W	HE-G-50W
Carton Size(Lamp)/ 1PC	630*630*270mm	710*710*300mm	810*810*300mm
G.W.(Lamp) / 1PC	7.6kg	10kg	12.8kg

Installaion (More Steps in User Manual)



Compliance and Standards

1. Insulation Resistance

The IR shall be at least 50MΩ when apply 500Vdc between primary and secondary

2. Dielectric Strength (Hi -pot)

Input To Output 3750Vac 60Hz 1minute $\leq 3\text{MA}$

When AC voltage of 3.75KV is applied, and the voltage applied to the insulation under test is gradually raised from zero to the prescribed voltage in 1s, and held at that value for 60s between the inputs. and output and between the input and housing, the current sensitivity shall be less than 5mA. After this test, the adapter shall exhibit no electrical and mechanical abnormalities.

3. Leakage Current

The leakage current shall be less than 0.25mA for class II when power supply is operated maximum input voltage and maximum load.

4. Safety Standard

34A-1501NP IEC:60598-1:2008 IEC61347-1/A1:2010 IEC61347-2-13:2006 IEC62031:2008
IEC62471:2006 IEC62471-2:2009: Passed
EN60598-1/A11:2009 EN61347-2-13:2006 EN61347-1/A1:2011 EN62031:2008 EN62471
EN61195:1999 EN62493:2010: Passed

5. EMI/EMS Standard

EN55015:Passed

EN61000-3-2:Passed

EN61000-4-2:Passed