

ALL IN ONE SOLAR GARDEN LIGHT



Patent product



RoHS

FC



all in one solar led light.



Advantage:

- Remote control-Simple operation, change to different modes easily.
- Wireless application-Integrated solar panel, LED, lithium battery, micro-controller and other accessories into one system, simple and stylish.
- Micro-computer controlled-Combine motion sensor system, light control system and time control system perfectly, ensure whole system more energy-efficient.
- Easy installation-No power required, no cables required, easy installation in 2 minutes.
- Solar panel angle adjustable-Rotate 360°, ensure maximum efficiency of solar energy conversion.
- Extreme light-Light efficiency reach 160lm/w, at same illumination, lower watt available.
- Lithium battery—Adopt lithium battery to replace traditional gel battery, longer lifetime.
- Modular design—All components are modular design and in standardized production.
- Long time working—Working continuously for 4-5 rainy days.
- Low cost—Compared with traditional solar led lights, much lower cost, easy to transport.

Feature:

- Beautiful and modern appearance, simple and fashionable.
- Use of solar green energy, environment friendly, saving more.
- Low voltage driving, meet the Europe standard of CE RoHS FCC.
- No Hg, Pb or other hazardous materials, no radiation, human safety.
- IP65 grade, TVS lightning protection.
- Long lifetime of whole lamp, low maintenance costs.

Details:

Monocrystalline



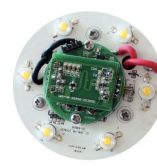
- 18% photoelectric conversion efficiency
- Tempered glass cover
- 20-25 years lifetime

High lumen led chip



- 45mil led chip, 160lm/w
- ≥ 50000 hrs lifetime
- ≥ 75 Ra CRI

Smart Controller



- unique design
- 6 control modes, light control, motion sensor control, time control, motion sensor and time control, demo mode, off mode.
- Smart control, saving more and system works stably

Lithium ironphosphate battery



- High capacity
- No pollution and stable
- Long lifetime, ≥ 5000 times charge & discharge
- High temperature resistance

High quality body



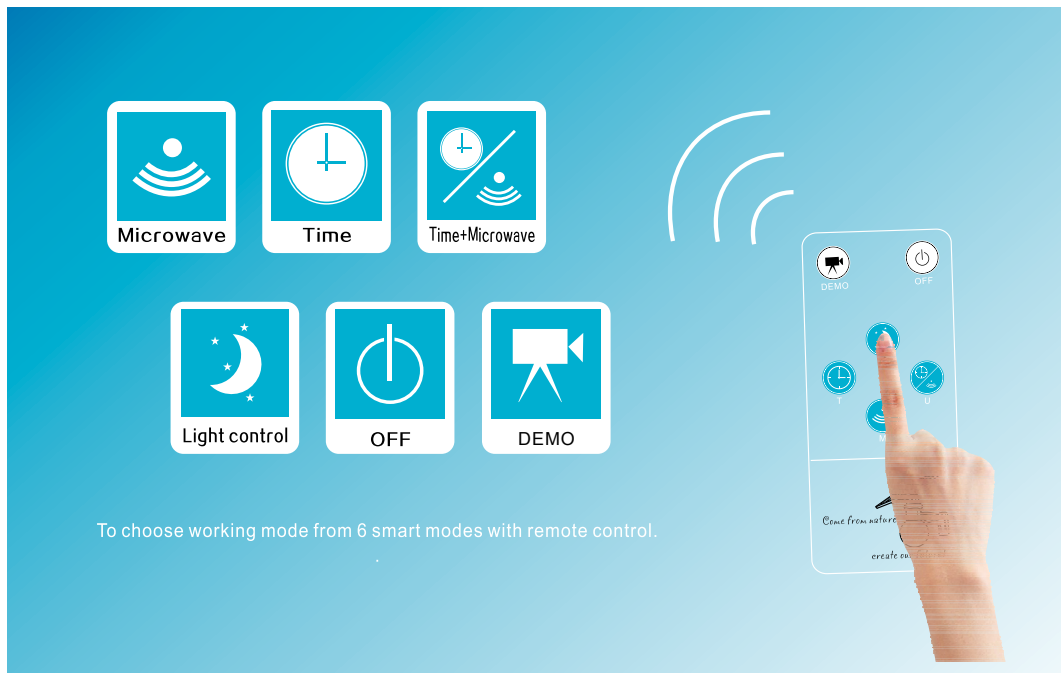
- patent design
- Aluminum alloy, solid and firm
- Zinc plated, anti-rust corrosion
- Variety of installation methods

"Moon" shape cover









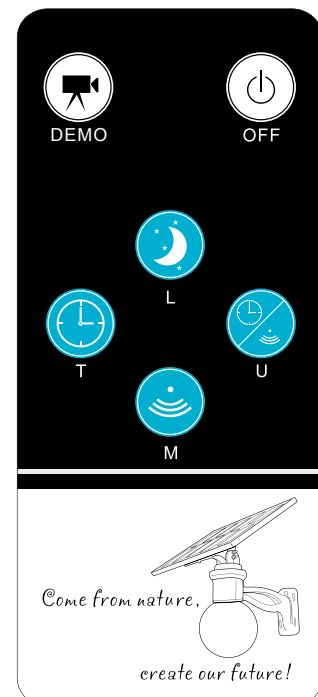
- 95% high light transmittance
- Strip cover, soft lighting for eyes
- High quality PMMA, long lifetime

■ Remote Control



■ Six working mode choices

-  **DEMO:** No matter day or night, light "on" when people close, light "off" after people left. Only for test use.
-  **OFF:** Light "off", no matter day or night.
-  **L:** At night, 100% light when people close, 30% light after people left. In daytime, light "off".
-  **M:** At night, light "on" when people close, light "off" after people left. In daytime, light "off".
-  **T:** At night, 80% light for 2hours, 60% light for another 2hours, then light "off".
-  **U:** At night, 80% light for 2hours, 60% light for another 2hours, then turn to motion sensor, light "on" when people close, light "off" after people left.

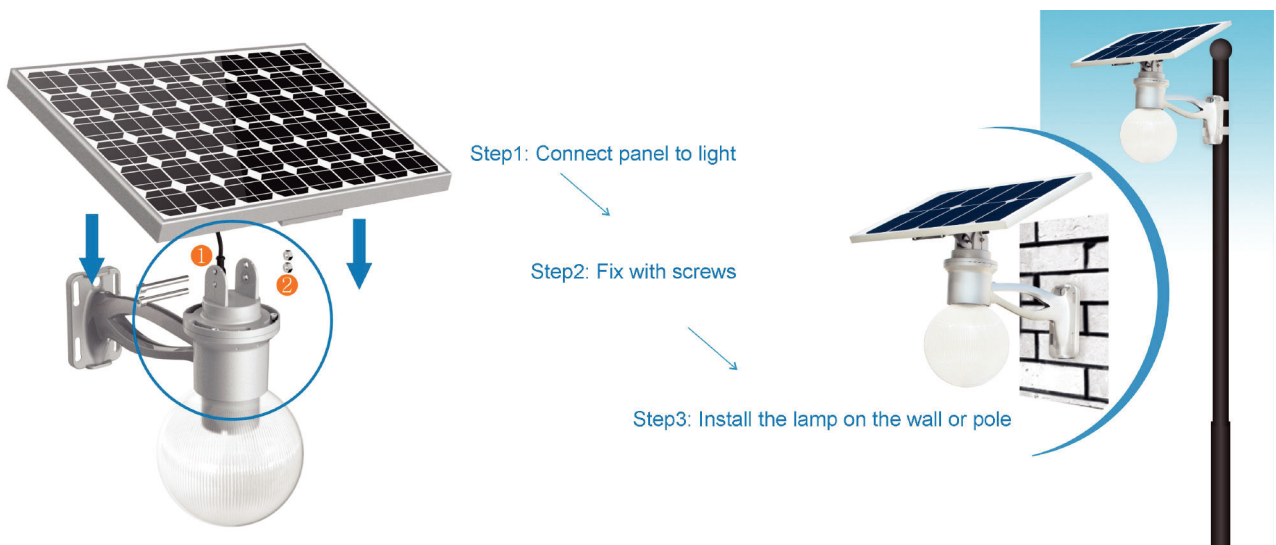


Applications:

Widely used in Park, Villa, Village, Square, Courtyard, Farm, School, Desert, Prairie, Path etc...the places where need outdoor lighting and with enough sunshine.



Easy installation in 2 minutes!



Solar panel angle adjustable schematic diagram:



Parameters:

Model	NSP04G	NSP08G	NSP12G
Lamp power	4W	8W	12W
Solar panel	12W/5V	25W/5V	40W/13.5V
Lithium battery	10AH/3.2V	20AH/3.2V	30AH/3.2V
LED qty	6pcs	6pcs	12pcs
Luminous flux	600-720lm	1200-1440lm	1500-1800lm
LED chip	Bridgelux		
Color temperature	3000-6500K		
CRI	≥75Ra		
Light control voltage	1V		
Illumination (stand by)	30%		
Sensor area	<10meters		
Lighting last	20s		
Charge time	6hours		
Discharge time	24hours		
Working temperature	-20-60°C		
Lifetime	≥50000hours		
Material	High quality aluminum alloy, die-cast aluminum		
Mounting height	3-6meters		
Installation spacing	8-10meters		

The data of its working time was measured at latitude 22 °, 113 ° east longitude in sunny days. The working time will be affected by the surroundings.

Using Instructions:

- Solar light, need solar power to charge battery, please select appropriate model based on local sunshine conditions.
- Please avoid solar panel be block by building, trees or other obstructions, otherwise it will reduce efficiency of solar panels working, resulting in lower efficiency of system.
- Charging temperature of Lithium battery is 0 to 55°C , the discharging temperature is -20 to 60°C , make sure that ambient temperature is in this range when used, avoid damage to lithium battery.
- Please cleaning surface of solar panels regular, such as dirt, leaves, oil, etc., ensure high photoelectric conversion efficiency.
- Cleaning snow of solar panel surface timely in winter.

Package specification:

Two lamps in one box.

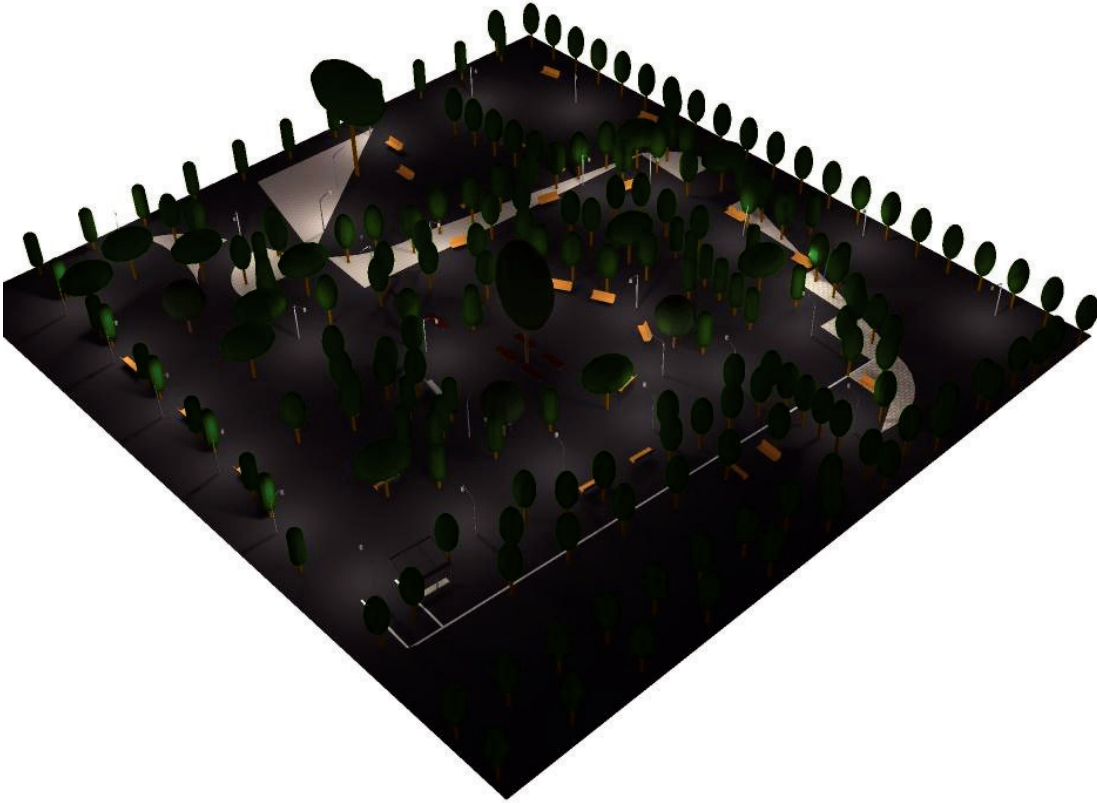
Type	Box size(L*W*H)	Net Weight	Gross Weight	20GP	40GP
NSP04G	450*340*290mm	7kg	11kg	1100pcs	2400pcs
NSP08G	490*385*300mm	9.5kg	14kg	900pcs	1900pcs
NSP12G	690*435*255mm	12kg	18kg	650pcs	1400pcs

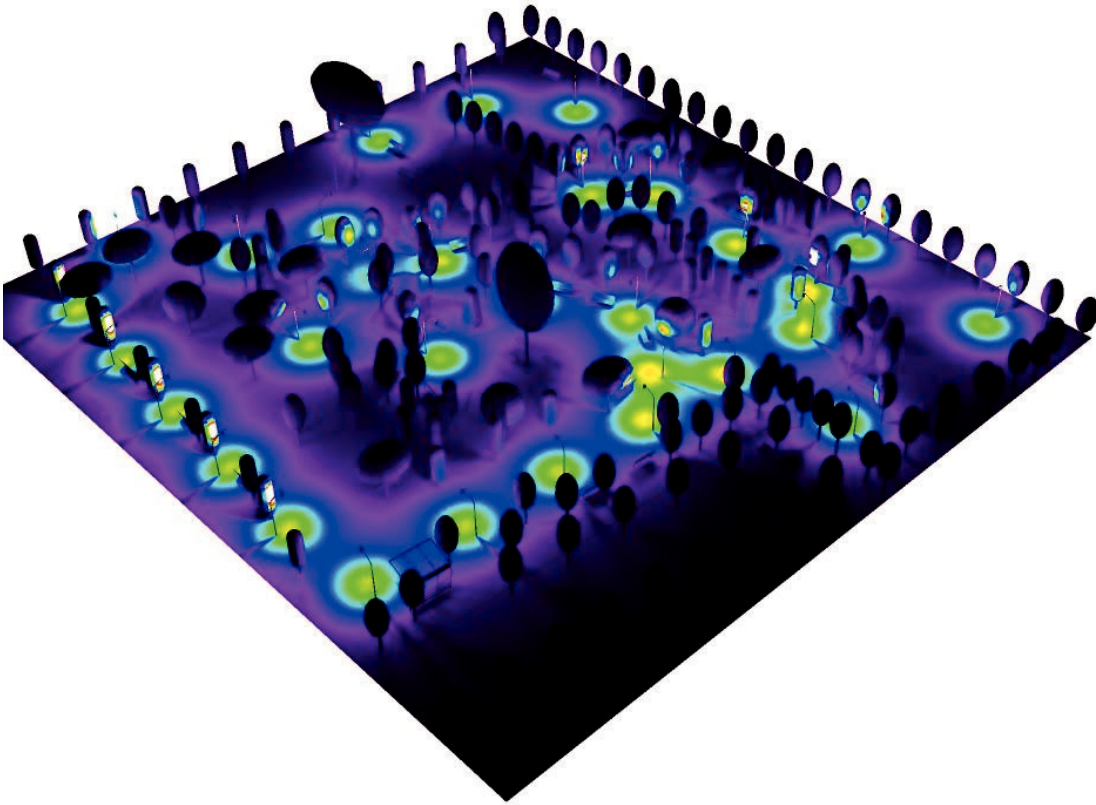
Color box packaged, anti-shock packaging material, with bubble bags and foam, ensure transport safety.



List of accessories

- 304 expansion screws & spacer & nut.....4sets
- Fixed the back light pole.....1pc
- 304 hexagonal screw M6 & nut.....2sets
- 304 hexagonal screw M6.....3pcs
- Hexagon wrench M5.....1pc
- Open spanner M10.....1pc
- Remote control.....1pc





0 2.50 5 7.50 10 12.50 15 17.50 20 lx