

UFO

Solar Powered LED Light

With a stylish UFO appearance and edge technology, HITECHLED UFO solar area light is integrated designed with solar panel, li-ion battery, LED lamp, intelligent charging controller and motion sensor. It absorbs energy from the sun and turns it into the area illumination when it is dark. With built-in motion sensor, HITECHLED UFO solar powered LED area light is ideal solar light for private garden, gate entrance, perimeter security, parking lot, balconies, courtyards, private driveways, camping sites, rural streets, farms, urban green belts , remote area and temporary lighting solution.



Features

- Solar powered. No need to dig trenches.
- Automatically turn on at dusk and turn off at dawn.
- Regulates the output of the LED lamp from dimming mode to full brightness mode when a motion is detected.
- 1,000lm~3,000lm high bright LED light source.
- Internal battery provides continuous power for 2~3 days lighting.
- With portable design and fixed design options.
- IP65 rated.

Product Structure



01 | Motion Sensor

It operates at 30% dim mode when no one is around, and immediately increases light output to 100% when motion is detected

02 | LED Lamp

Super bright LEDs, 20W up to 2,000lm, 30W up to 3,000lm.

03 | Charging Controller

In automatic mode, the light turns ON at dusk and turns OFF at dawn automatically and brightness adjusted by motion sensor. In manual mode, it can be turned ON/OFF manually at any time.

04 | Remoter

With remoter, you can change the lighting mode and/or remote control the light freely.

05 | Bracket Holder

It can be installed with poles with diameter less than 76mm for 30w or with standard 26mm diameter portable bracket for 20W.

06 | Li-Ion Battery

High quality Lithium Ion battery, autonomy for 2-3 days after full charged.

07 | S.S. Water Proof Switch

Stainless Steel Switch. Switch off when packed for translation. Switch on when installed, then the light turns ON at dusk and turns OFF at dawn automatically.

08 | Solar Panel

Monocrystalline solar panel, highly efficient and tolerant to heat providing more output.

There are two working modes for the light: full power working mode and energy saving working mode. Energy saving working mode means the light will dim to 30 % working efficiency when nobody passes by. When people or vehicle passe by, the sensor will detect the motion and the light will lighten up to 100% efficiency. The brightness of the light will be reduced gradually to 30% after the people and vehicle pass away.

◀|| 30% DIM Mode

100% Bright Mode ▶▶



Technical Data

Model No.	HT-SG-UFO20	HT-SG-UFO30
Physical Parameters		
Solar panel	6V 15W	6V 25W
Solar panel diameter(mm)	Φ400	Φ520
Lithium Battery Capacity	3.2V 18AH	3.2V 26AH
IP rate	IP65	IP65
Charging / Discharging Time		
Working Time	2~3 rainy days	
Charging Time	5~7hrs	
Light Output		
LED QTY	300pcs	312pcs
View Angle	360°	
Color Temperature (K)	5500~6500 or optional	
Typical Luminous Flux (lm)	1,000~2,000	2,000~3,000
Motion Sensor		
Detection Distance(m)	6~8	
Detection angle	<140°	
Environment Requirements		
Charging Temperature	0°C~60°C	
Discharging Temperature	-20°C~60°C	
Storage Temperature	0°C~45°C	
Packing Parameters		
Package Dimension (mm)	450*450*250	570*570*320
Gross Weight (kg)	10(with bracket)	12
Mounting Recommendations		
Suggested Installation Height (m)	3~6	5~6
Top of Pole (mm)	26	76

* Working time data as above are based on 8 hours of charging in good sunny days in summer, measured at the latitude 22°, east longitude 113°. Actual working time might be different according to difference of area, season, environment and direction.

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