Solar LED Landscape Light Specification

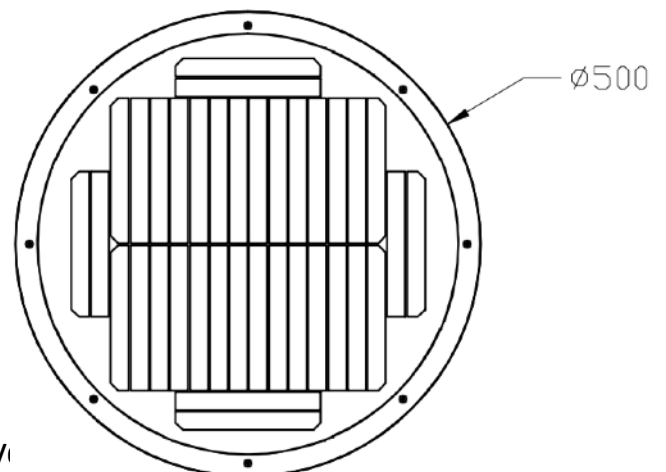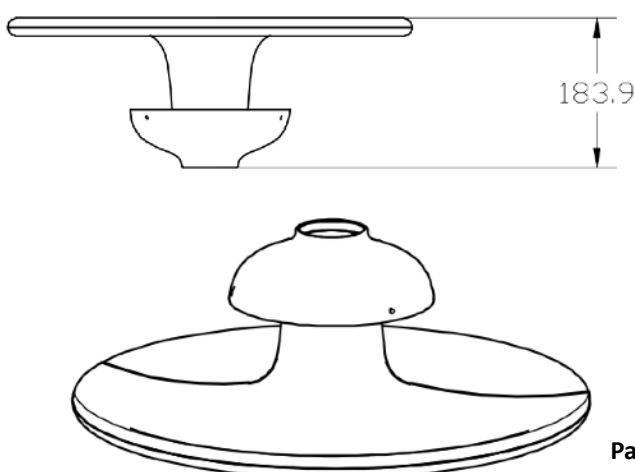| Product Name	Solar LED Landscape Light
Specification	PV25WLOT
Date	2021-04-15
Version	REV 1.0

CE RoHS

Features & Advantages

➢ Patent design, peaceful 360° lighting, extremely soft and comfortable light.

➢ The unique solar garden lamp with graceful shape, can blend with the surroundings perfectly, create a more warm, more charming environment.

➢ Tempered round shape mono-crystalline silicone solar panel, big size, 21% conversion efficiency, fast charging, over 20 years lifetime.

➢ MPPT charging management system, increase 20-30% charge efficiency than normal , batter charge at cloudy/rainy days.

➢ LM80 SMD3030 chips high lumen & long daily use time.

➢ Scientific diffuse reflection design, anti-glare, soft, comfortable and warm lighting.

➢ LiFePO4 battery 32700/6.4V/6000mAh, with over-charge and over-discharge protection, safe and durable, 2000+ charge&discharge cycle, can be replaceable.

➢ Hidden switch, one-key control,easy to operate.

➢ Smart &automatic adjustment work mode, energy saving, long working time, 365 days of uninterrupted work.

➢ Aluminum lamp body, firm, durable, IP65 for whole lamp, perfect for outdoor.

➢ 3 years warranty.

➢ Easy to install, snap-on light base that no need accessories.
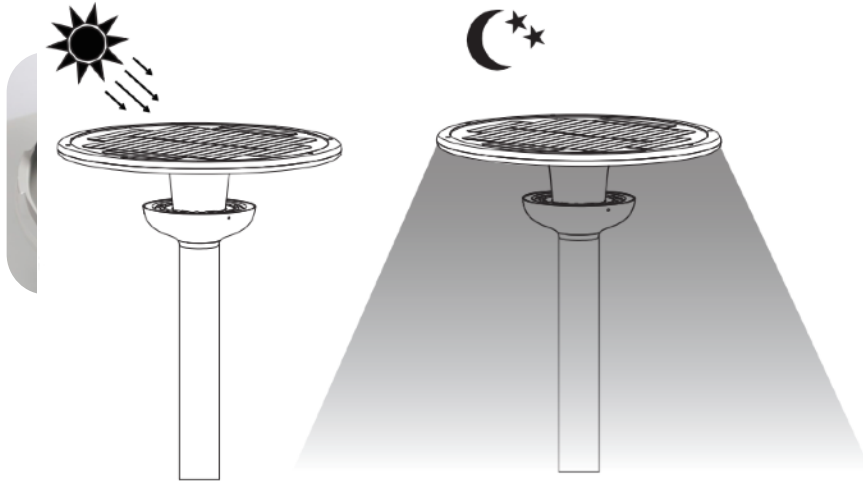
Product Image

Specifications

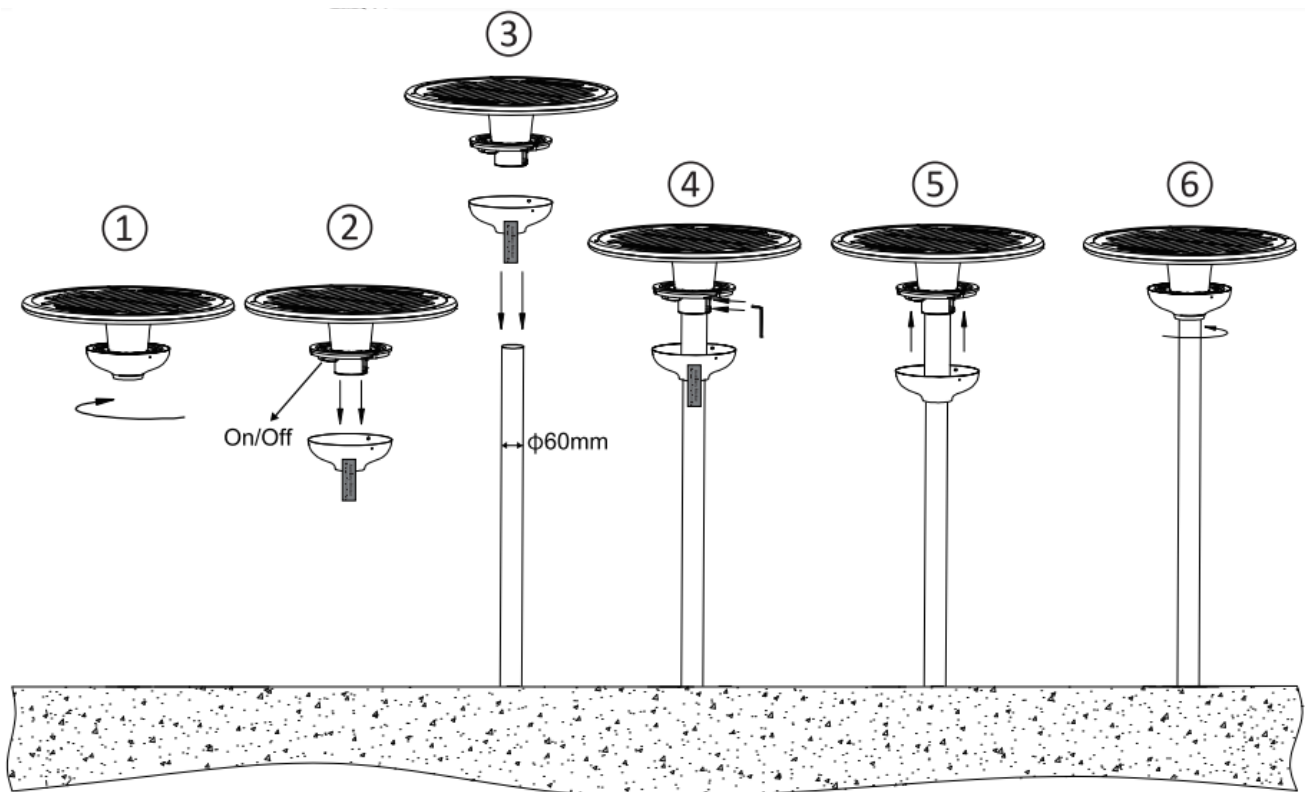| Power	25W	Lumen	2000LM
Solar Panel	Mono-crystalline silicone 21W, 18V	Battery Pack	LiFePO4 battery,replaceable 32700/6000mAh/12.8V/ 76.8Wh
Beam Angle	360°	Lamp Size	Φ500*183.9 mm
Charging Time by Solar	6hrs to fully charge (Charging under sunshine of 100000lux)	Lighting Time	36Hours+
Effective Projection Surface	80㎡	Lamp Fixture Color	Silver+White
CCT	• 2800-3200K • 4000-6000K available	IP Class	IP65
Material	Aluminum ADC12，1060	Installation Height	3-4mtrs
Installation spacing	10-15m	Working Temp	-20C°- 60C°
Storage Temp	-20C°- 50C°	Applicable Pole Diameter	φ60mm
Warranty	3 years	Packing	1*solar light，1*user manual

183.9

Ø500

Dimension(mm)

Intelligent Working Mode

button to
it will work

The lamp turns on automatically at night and keep 100% brightness for the first 3 hours, then keep 70% brightness for next 2 hours,then keep 30% brightness until dawn.

Installation:

① ② On/Off ③ φ60mm ④ ⑤ ⑥

1. Prepare lamp and required tools (M4 Allen wrench) first.

2. Rotate the lamp base clockwise and open the base, then press the On/Off button on the lamp to turn on the

lamp.(Figure ①-②)

3.Insert the lamp base into the lamp pole with a diameter of 60mm, then use the Auxiliary Sticker to fix the base on the pole temporarily.(Figure ③)

4.Insert the lamp into the lamp pole, use an M4 Allen wrench to tighten the screws on the lamp, lock the lamp well on the pole. (Figure ④)

5. Remove the Auxiliary Sticker, rotate the lamp base counterclockwise and fix it on the lamp. (Figure ⑤-⑥)

Applications

Widely used for garden, road, villa, courtyard, park, pathway, seaside, square, walkway, industrial area, school, shopping street, holiday resort, farm, gate, office buildings, hotel, hospital, village, warehouse, castle, street, landscape, etc.

Warnings

1.This is a solar powered lamp, please install it in a location where can get enough sunlight for at least 6 hrs.

2.When turned off by pressing the button on lamp, it can't get solar charged at day time.

3.Please note the lighting time depends on sunshine duration & weather.

4. Built-in intelligent system is with over-charge, over-discharge and over-voltage protection, safe and durable.

5. The lamp is equipped with an internal battery pack, which is replaceable.

   If any need, please contact the seller for correct new battery pack.

5.It is recommended to charge every six months if store in warehouse to ensure battery performance.

7. Non-professionals please do not disassemble the lamp.

8. Please do not dispose the battery with household garbage to avoid explosion.