

100W LED Solar Street Light

SOLAR STREET LIGHT

The OTSEN Solar Street Light 100W is designed for versatile installation, making it suitable for regions ranging from the equator to the polar areas. Its integrated and modular design ensures easy installation and maintenance. Equipped with a high-performance built-in 3.2V/200Ah LiFePO4 battery, the same technology used in electric buses, it offers superior reliability and longevity. With intelligent power control, the light provides 6+X hours of illumination, automatically adjusting power consumption for extended operation. Additionally, it features a remote control function, allowing users to adjust brightness and select the desired working mode. The efficient solar panel ensures a full charge in just 8 hours of sunlight, making it a sustainable and cost-effective lighting solution.

Application Areas

- Street
- Roadway
- Commercial
- Pathway
- Parking Area



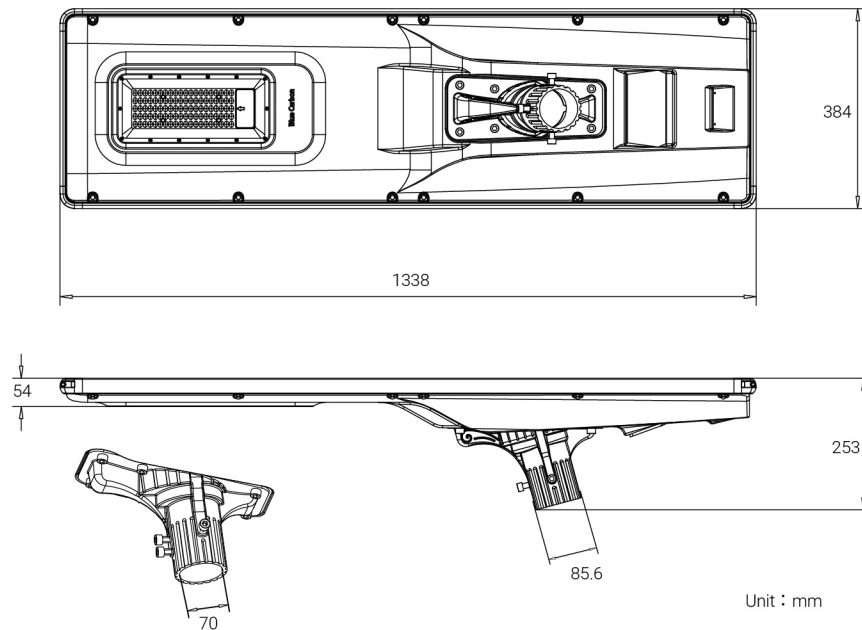
Product Features

- Original patent design, independent mould.
- All night lighting. The light never be off no matter how many
- Rainy or cloudy days.
- The light can be installed from Equator area to Polar regions.
- The working temperature is -47-70°.
- Integrated design, modular production.
- Low voltage design, safe and Reliable.
- Integrated package, convenient transportation.
- With LiFePO4 battery which usually apply for electric bus.
- With PC outdoor optical lens. High light transmittance, high
- Temperature resistance and aging resistance.
With high efficiency LED, with 50000 hrs life span.

Product & Information

Product Data	Model Number	OT-BT-OLF-100W
	Model Name	SOLAR PANEL (Mono - Crystalline)
	Battery (Built-in)	3.2V/200Ah LiFePO 4 Battery
	Luminous Flux	8000lm (Common 80W LED)
	Lighting Time	6+X/Intelligent power Control and can use remote Control to adjust brightness and working mode
Technical Data	Installation Height	8-10m
	Color Temperature	3000-6500K
	Light Pole Diameter	60-65mm
	Solar Panel Charging Time (Sun)	8 hours
	Solar Panel Charging Time (Rain)	3.5 Days
	Working Time	>12 hours
	Storage Temperature	0 - 55°
	Working Humidity	<90RH
	Waterproof Grade	IP65
	Product Size	1338x384x253mm

Product Specifications



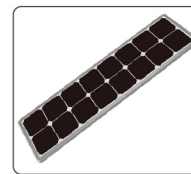
LiFePO 4 Battery



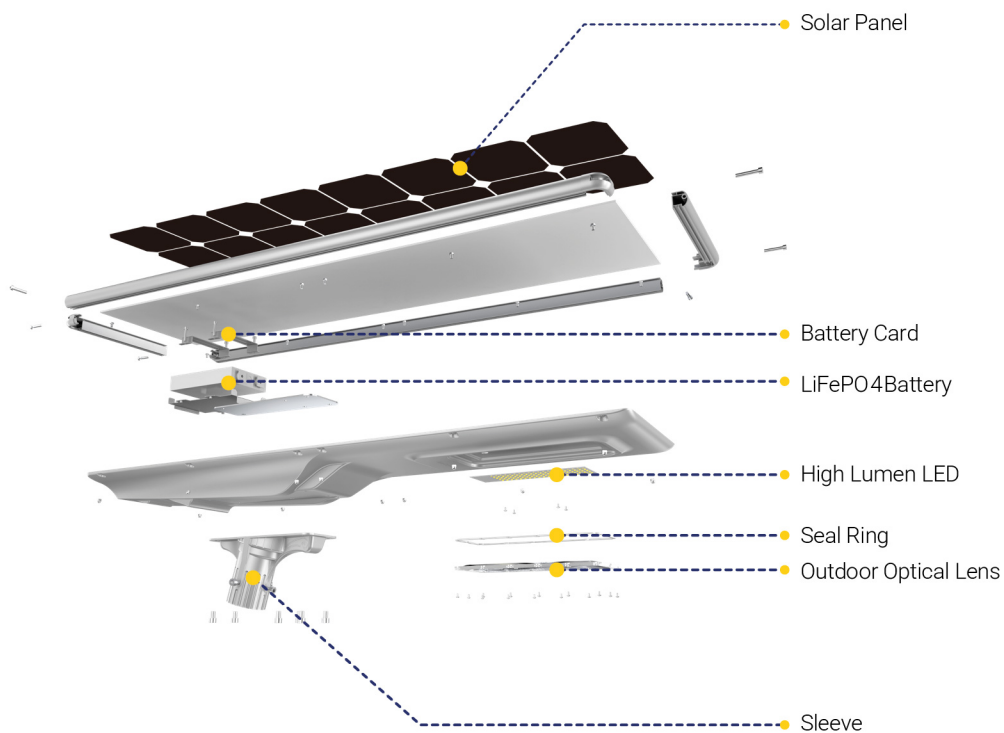
PC Outdoor Optical Lens



High Lumen LED SMD



Grade A+ Solar Cell



Product Exhibition



Applicable Place & Installation Case





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