

SOLAR GARDEN LIGHT

TL-SG SERIES



PRODUCT INTRODUCTION:

An integrated solar garden light system which combines the green-energy parts of **solar panel**, **led lamp**, **intelligent controller** and the **Li-FePO4 battery** into a single product. this all-in-one product, together with a motion detector, offers a solution of low-energy consumption, long-lasting and high-Luminance as well as free maintenance for at least 6-8 years. the intelligent controller and sensor meet different control requirements, and at the same time, this product it is convenient in transportation and installation.

PRODUCT FEATURE:

1. Mini with aesthetic design: Die-cast body cased. Gorgeous streamline and shape.
2. Splendid decorative module + high brightness angel eyes always create harmony environment.
3. User friendly, simple installation, support secured pole and wall mounting.

PRODUCT SIZE:

Product size: $\varnothing 265 \times H800\text{mm}$; Pole



Technical Data:

MODEL	TL-SG-3.5W	MPPT charge controller	Including wireless communication module
PV Module	5.2W	Timing mode	With/without motion sensor
Life time	25years (The power attenuation of each year is around 1%)	Circuit Protection	Overcharge,discharge,short circuit, open load, lightning protection and other functions
Light efficiency	350LM	Life time	8years
LED chip	SMD2835	Charging Time (STC)	6-8Hours (With STC)
Lumen efficiency	100LM/W	Certificate	IK10、 IP65
Light distribution type		Working Temperature	-20 °C ~+60 °C (When the temperature is below -10°C,derating use)
viewing Angel		Storage Temperature	0°C~45°C
Color Temperature	3000K-6500K, Typical value (5500K-6000K)	Protection Grade	IP65
Color rendering index	>80	Dimension Size(mm)	φ265*H800mm
Life time	>10years	Installation Height	
Battery Tape	LiFePO4 battery	Installation Diameter	
Battery Capacity	3.2V 70AH	Warranty	5 years



Outstanding Advantages

1. Adopt aluminum housing in black or gray color, quailed feeling;



2. High brightness SMD2835 LED chips, to ensure brightness and longer lifespan

APPLICATION:

Pedestrian, sidewalk pathway, parking area, garden, villa, cottage, farm, ranch and private property, etc.

