

ITEM#2483

LED KING LIGHTING DISTRIBUTION  
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## TR-ES-P Solar LED Street Light Specification



**Diagram:**



**Specification**

	Power	100W	200W	300W	400W	500W
Lamp body	Chip type	SMD2835				
	Size(LXWXH)	205.9x223.9x44.3mm	236.7x425.9x45.3mm	236.7x501.9x45.3mm	236.7x641.3x45.3mm	238.7x749.4x47.1mm
Battery	Capacity	3.2V 4Ah	3.2V 5Ah	3.2V 12Ah	3.2V 16Ah	3.2V 20Ah
	Lumen	450lm	750lm	1500lm	2000lm	2400lm
	Type	LifePO4				
Solar Panel	Power	6V 5W	6V 6W	6V 12W	6V 16W	6V 20W
	Type	Monocrystalline				
Color temp	3000-6500K					
CRI	>70					
Protection level(conform)	IP65					
Work temp	-10°C~+50°C					

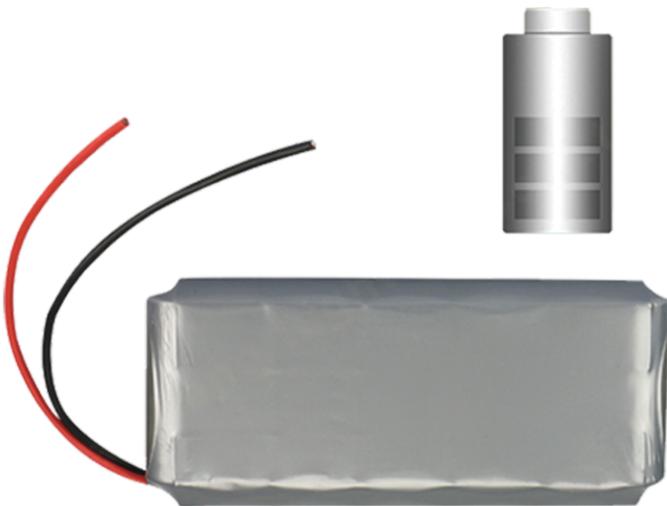


## PRODUCT DETAILS



### **Low Voltage LED Chips**

High brightness and High  
Light Efficacy  
Low light decay and  
long service life



### **32650 Battery**

Large capacity  
Safe and high efficiency

## Innovative Sensor Design

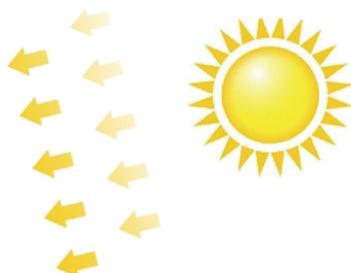
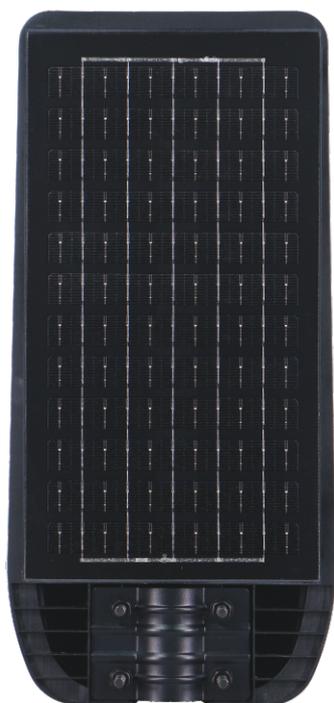
Built-in Microwave sensor, fully bright when people come, dimming light when leaving.



## Remote Control

Smart remote control  
multiple mode switching





## Solar Panel

Long lasting  
Up to 90%  
Conversion Efficiency  
Improve 21.7% power output

## Protection rating IP65

Anti-UV ABS Housing material  
Rain-proof and dust-proof  
Easy to adapt to all kinds of weather



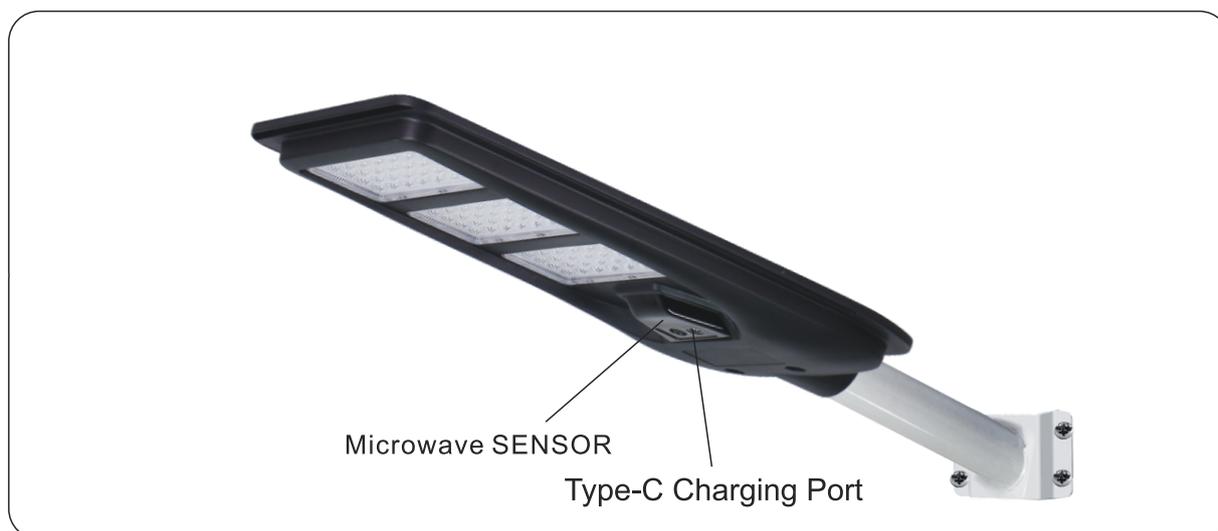
## Important Safety Information

- Do not expose the light to fire or intense heat as the battery may explode.
- Do not immerse in water.
- Never look directly into the light or shine it into another person's eyes.
- Follow proper safety tips to prevent from falling off a ladder.
- Consult your local construction safety guide if needed for installing the light fixture on a building.

## Fixing instructions

- The light fixture should be installed on a flat and stable surface.
- Avoid installing the light near an air conditioner, a central heater, or high voltage system.
- The solar panel should be set in a sunny area where maximum sunlight can be collected. Typically, the solar panel should face a direction (south) where sunlight can charge the panel for at least 4 hours per day (6 hours per day if behind glass). It is suggested to charge the light for 24 hours before first use.
- Use a soft wet cloth to periodically (at least once a year) clean the charger board to avoid the reduction of power output due to accumulated dust.

## Installation:



## Instruction for use:

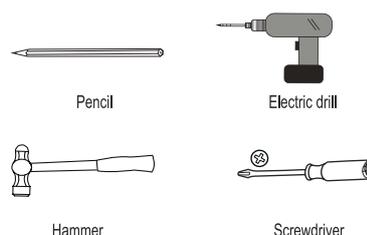
1. Press on/off switch, it works as PIR Sensor Mode: When somebody pass by it is full bright, when somebody leave it will dim to be 20% brightness in 7-9 seconds
2. Long press on/off switch to turn off the lamp

## Quick Setup Procedure

### Warning!

1. Please keep it away from the children.
2. This product can installed for outdoor, but we suggest that against for the rain/storm & High lights.

Note : Please bring the following tools



This product should be disposed of responsibly at the end of its life. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice (Waste Electrical and Electronic Equipment Directive)

## Applications



## Warning & Reminding

1. Before install the lamp on the pole, please press on/off button on the lamp firstly to activate lamp.
2. To deactivate the lamp, please press the on/off button on the lamp for 5 seconds, it will totally turn off. In this case, the solar panel can not get charged at day time.
3. If you turn off the lamp with the remote control, the lamp will flash 3 times then off. In this case, the solar panel can get energy at day time.
4. As this lamp has Photocell Sensor, it will automatically light up at dusk.  
Please be aware that it will not light up during day time even it's turned on.
5. The working modes are with memory function.
6. Build-in intelligent IC with over-charge, over-discharge, over-temperature protection.
7. Please do not dispose the battery with household garbage to avoid explosion.
8. Non-professionals please do not disassemble the lamp.