



## CREE 60w Solar Powered Street Light Motion Sensor 6-10m Pole For Street / Road

Our Product Introduction

### Basic Information

- Place of Origin: Shenzhen China
- Brand Name: Chanpower
- Certification: CE FCC ROHS
- Model Number: TL-5402
- Minimum Order Quantity: 500
- Price: negotiable
- Packaging Details: Carton
- Delivery Time: 30~35 work days
- Payment Terms: L/C, T/T
- Supply Ability: 2000 sets per month



### Product Specification

- PV: 180w
- LED: CREE 60w
- Controller: MPPT Charge Controller
- Battery: LiFePO4 1650ah
- Application: Square, Street, Road
- Pole: 6-10m
- Protection Level: IP65
- Material: ABS+Aluminum
- Usage: Outdoors Patio Pathway Landscape Garden
- Type: Solar Rechargeable
- Highlight: **solar walkway lights**

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## Product Description

### CREE 60w Solar Powered Street Light Motion Sensor 6-10m Pole For Street / Road

#### Feature

Chanpower Manufactured according to international quality management system(ISO9001)  
 Solar Street Light LED Fixture surface with Polyester Substance  
 Solar Street Light LED Fixture cover, High Stength and High Transparent Toughened Glass  
 Solar Street Light PV Panel,beautifully plate design ,Highly optimized for general use  
 Solar Street Light PV Panel,Strong frame,passing mechanical load test of 5400pa, instead of the normal 2400pa.  
 Solar Street Light battery,Good safety, no risk of explosion  
 Solar Street Light battery,High temperature performance, electric heating peak is twice that of LiNiCoMnO2 battery  
 Solar Street Light battery,Built-in Chanpower designed BMS control circuit to ensure stable operation and high reliability  
 Solar Street Light battery,Environmentally friendly, no heavy metals and rare metals, no poisons and no pollution, in line with RoHS environmental protection regulations  
 Battery Box Pressure resistant, Good ventilation, Patented design  
 Solar Street Light Controller,12V/24V automatic identify or user-defined working voltage  
 Solar Street Light Controller, Gel, Sealed, Flooded and user-defined battery type option  
 Solar Street Light Controller,IR and MW sensor optional  
 Solar Street Light Controller, Provides built-in boost LED constant current output, able to directly power up to 18 serially connected LEDs Up to 55V, load power up to 120W.  
 Solar Street Light Pole,Precision cutting make sure every parts mated perfectly,very easy for you to install.  
 Solar Street Light Pole, Fastener Bolt and Acrows: Stainless Steel

#### Parameters

Item		TL-5402	TL-5402	TL-5402	TL-5402
Light Style		Split	Split	Split	Split
POWER		60W	80W	100W	120W
LED	Flux	8100~9900 lm	10800~13200 lm	13500~16500 lm	16200~19800 lm
	Color Temp	4000~6000K	4000~6000K	4000~6000K	4000~6000K
	Brand	CREE	CREE	CREE	CREE
	Max Power	60W	80W	100W	120W
	Life	50000hrs	50000hrs	50000hrs	50000hrs
Solar Panels	Largest Wattage	180W monocrystalline silicon	240W monocrystalline silicon	300W monocrystalline silicon	360W monocrystalline silicon
	Life	25years	25years	25years	25years
Battery	Type	Lithium iron phosphate battery 1650WH	Lithium iron phosphate battery 2200WH	Lithium iron phosphate battery 2750WH	Lithium iron phosphate battery 3300WH
	Life	5-8years	5-8years	5-8years	5-8years
Control	Type	ChanPower MPPT / PWM			
	Charge / time	valid for 6 hours of sunshine			
	Discharge / time	Half Power48hrs,Full Power 24hrs			
	Lighting Time	12hrs every day 3-5 raining days			
	Normal Setting	5 Time Save Setting,[eg. X% Power Light 1st 4 hours,X% Power Light 2nd 4 hours, X% Power Light 3rd 4 hours]	5 Time Save Setting,[eg. X% Power Light 1st 4 hours,X% Power Light 2nd 4 hours, X% Power Light 3rd 4 hours]	5 Time Save Setting,[eg. X% Power Light 1st 4 hours,X% Power Light 2nd 4 hours, X% Power Light 3rd 4 hours]	5 Time Save Setting,[eg. X% Power Light 1st 4 hours,X% Power Light 2nd 4 hours, X% Power Light 3rd 4 hours]
Light Fixture	Materials	Aluminium	Aluminium	Aluminium	Aluminium
	Style	Selectable	Selectable	Selectable	Selectable
Installation	Height and Distance	Height 6-10M / Distance10-25M	Height 6-10M / Distance15-30M	Height 8-12M / Distance20-35M	Height 8-12M / Distance20-35M
	Installation Hole	Diameter:40-75MM	Diameter:40-75MM	Diameter:40-75MM	Diameter:40-75MM
	Type	Cone [Ø60mm/Ø140mm]	Cone [Ø60mm/Ø140mm]	Cone [Ø60mm/Ø180mm]	Cone [Ø60mm/Ø180mm]

	Material	Galvanized Sheet with Coating			
Pole	Length	6-10M	6-10M	8-12M	8-12M
	Thickness	2.5MM	2.5MM	3.0MM	3.0MM
	Weight	35-45kg	35-45kg	40-50kg	40-50kg
	Flange	250*250mm	250*250mm	300*300mm	300*300mm
	Anchor Bolt	2kg	2kg	3kg	3kg

### FAQ

Q: Are you a factory or a trading company?

A: Chanpower is the factory with high production capacity and product range of solar products in China.

Q: How to choose the system Voltage 12V /24V ?

A: Chanpower could design the system for you. Usually 12V system for 15W-40W LED lamp , 24V system for 50-150W LED lamp.

Q: How do you ship the goods and how long does it take to arrive?

A: Accessory sample shipped by DHL, UPS, FedEx ,TNT etc. It usually takes 3-5 days to arrive. Airline and sea shipping also optional .

Q: Can I have a sample order for solar products?

A: Yes, Chanpower welcome sample order to test and check quality. Mixed samples are acceptable, for split style solar street lights is suitable for project according to clients' requirement, normally no sample in stock .

Q: What about the lead time?

A: Accessory sample needs 3-5 days, mass production needs 1-4 weeks for order quantity more than one container.

Q: What is your Warranty Policy?

A: Chanpower offer 3 years warranty for the entire system and replace with new ones for free in case of quality problems.

Q: Can I have a sample order for led light?

A: Yes, Chanpower welcome sample order to test and check quality. Split style solar street lights is suitable for project according to clients' requirement, need more time for confirm.

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