



## 50w Solar Powered Lights Waterproof

### Our Product Introduction

#### Basic Information

- Place of Origin: Shenzhen China
- Brand Name: Chanpower
- Certification: CE FCC ROHS
- Model Number: TL-3503
- 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

- Color Temperature: 4000k
- LED Flux: 6750lm
- Controller: PWM / MPPT Charge Controller
- LED: CREE 45w
- Application: Parking
- MW Sensor: Optional
- Highlight: solar powered street lights

## Product Description

### 50w Solar Powered Lights Flux 6750lm, Color Temp 4000K, IP67

#### Feature

Chanpower Manufactured according to international quality management system (ISO9001)

Solar Street Light LED Fixture is easy to install and handle for various applications

Solar Street Light LED Fixture with excellent performance in low-light irradiance environment

Solar Street Light PV Panel, Superior Aluminium alloy material, radiating function is more efficient, make sure long lifespan

Solar Street Light PV Panel, beautifully plate design, Highly optimized for general use

Solar Street Light battery, Good safety, no risk of explosion

Solar Street Light battery, Long service life, using cells with more than 2000 cycles, life expectancy of more than 5 years

Solar Street Light battery, Long service life, using cells with more than 2000 cycles, life expectancy of more than 5 years

Solar Street Light battery, Built-in Chanpower designed BMS control circuit to ensure stable operation and high reliability

Solar Street Light battery, Light weight, the volume of the battery in the same capacity is 2/3 of the volume of the lead-acid battery, and the weight is 1/3 of the lead-acid battery.

Battery Box Life span: 20 years

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 Controller, Efficient charging and efficient LED drive, significantly reducing product temperature rise.

Solar Street Light Controller, RF remote control settings, read, view data.

Solar Street Light Controller, Provides battery reverse protection, solar panel reverse protection, prevent battery discharging to solar panel at night, battery low-voltage protection, battery quit low-voltage protection, LED load short-circuit protection, LED load open-circuit protection, over-temperature protection, TVS anti-thunder protection etc.

Solar Street Light Pole, Fastener Bolt and Acrews: Stainless Steel

Solar Street Light Pole, Height: 4m, 5m, 6m, 7m, 8m, 9m, 10m, 11m, 12m



#### Parameters

Item	TL-3503	TL-3503	TL-3503	TL-3503
Light Style	Split	Split	Split	Split
POWER	40W	45W	50W	55W
Flux	5400~6600 lm	6075~7425 lm	6750~8250 lm	7425~9075 lm

LED	Color Temp	4000~6000K	4000~6000K	4000~6000K	4000~6000K
	Brand	CREE	CREE	CREE	CREE
	Max Power	40W	45W	50W	55W
	Life	50000hrs	50000hrs	50000hrs	50000hrs
Solar Panels	Largest Wattage	120W monocrystalline silicon	135W monocrystalline silicon	150W monocrystalline silicon	165W monocrystalline silicon
	Life	25years	25years	25years	25years
Battery	Type	Lithium iron phosphate battery 1100WH	Lithium iron phosphate battery 1240WH	Lithium iron phosphate battery 1380WH	Lithium iron phosphate battery 1510WH
	Life	5-8years	5-8years	5-8years	5-8years
Control	Type	ChanPower MPPT / PWM	ChanPower MPPT / PWM	ChanPower MPPT / PWM	ChanPower MPPT / PWM
	Charge / time	valid for 6 hours of sunshine	valid for 6 hours of sunshine	valid for 6 hours of sunshine	valid for 6 hours of sunshine
	Discharge / time	Half Power48hrs,Full Power 24hrs	Half Power48hrs,Full Power 24hrs	Half Power48hrs,Full Power 24hrs	Half Power48hrs,Full Power 24hrs
	Lighting Time	12hrs every day 3-5 raining days	12hrs every day 3-5 raining days	12hrs every day 3-5 raining days	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 5-7M / Distance10-20M	Height 5-7M / Distance10-20M	Height 5-7M / Distance10-20M	Height 5-7M / Distance10-20M
	Installation Hole	Diameter:40-75MM	Diameter:40-75MM	Diameter:40-75MM	Diameter:40-75MM
Pole	Type	Cone [Ø60mm/Ø140mm]	Cone [Ø60mm/Ø140mm]	Cone [Ø60mm/Ø140mm]	Cone [Ø60mm/Ø140mm]
	Material	Galvanized Sheet with Coating	Galvanized Sheet with Coating	Galvanized Sheet with Coating	Galvanized Sheet with Coating
	Length	5-7M	5-7M	5-7M	5-7M
	Thickness	2.5MM	2.5MM	2.5MM	2.5MM
	Weight	25-30kg	25-30kg	25-30kg	25-30kg
	Flange	250*250mm	250*250mm	250*250mm	250*250mm
	Anchor Bolt	2kg	2kg	2kg	2kg

## FAQ

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.

Q: What about the delivery date?

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

Q: Do you have any MOQ limit for led light order?

A: for solar street light controller, 1pc for sample checking is available

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

A: Chanpower usually ship by DHL, UPS, FedEx or TNT. It usually takes 3-5 days to arrive. By sea or by air optional.

Q: How to proceed an order for solar led street light?

A: Firstly,let us know your requirements or application.

Secondly,Chanpower quote according to your requirements or our suggestions.

Thirdly,customer confirms the details and places deposit for formal order.

Fourthly,Chanpower arrange the production.

Q: Can Chanpower use our my logo on the solar led light products?

A: Yes. Please inform us formally confirm the design before our production.

Q: Do you offer guarantee for the products?

A: Yes, Chanpower offer 3 years warranty to our products.

Q:How to deal with the faulty?

A: Firstly, Please send us some pictures or videos of the faulty item for our analyzation. Our products are produced in strict quality control system and the defective rate will be less than 0.2%.

Secondly, during the guarantee period, Chanpower will send new parts with new order for defective products and Chanpower will assess if it's necessary to return the faulty item, Chanpower can discuss the solution including recall according to real situation.

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