



## 150w Solar Panel Street Light Square Shape LiFePO4 1380ah 50 Watt

### Our Product Introduction

#### Basic Information

- Place of Origin: Shenzhen China
- Brand Name: Chanpower
- Certification: CE FCC ROHS
- Model Number: TL-3502
- 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

- Solar Panel: 150w
- LED: 50w CREE
- Controller: Charge Controller PWM
- Battery: LiFePO4
- Application: Square, Street
- Pole Length: 5-7m
- Highlight: solar powered street lights

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## Product Description

### **CREE LEE Solar Powered Lights LiFePO4 1380ah, 50watt, Lifespan 50000hrs**

#### **Feature**

Average distribution light lens, long pole distance, easy to get the acceptance requirements

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

Solar Street Light LED Fixture with anti-reflective coating improving light absorption and reduces surface dust

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

Solar Street Light PV Panel, Glass light distribution, no PC diffuser, once distributing light makes sure only less loss of ray

Solar Street Light battery, High temperature performance, electric heating peak is twice that of LiNiCoMnO2 battery

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, Fit for use in regions of high altitude and wider range of temperatures

Solar Street Light battery, Excellent performance in capacity recovery

Battery Box Heat protection

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, Intelligent power mode, to maximize the lighting time.

Solar Street Light Controller, Advanced constant current control technology to ensure smooth and stable output current, reduce light failure, extend LED life.

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

Solar Street Light Pole, Material Q235, mild steel (Q275 Q345 available)

#### **Parameters**

Item		TL-3502	L-3502	TL-3502	TL-3502
Light Style		Split	Split	Split	Split
POWER		40W	45W	50W	55W
LED	Flux	5400~6600 lm	6075~7425 lm	6750~8250 lm	7425~9075 lm
	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 Power 48hrs, Full Power 24hrs	Half Power 48hrs, Full Power 24hrs	Half Power 48hrs, Full Power 24hrs	Half Power 48hrs, 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 / Distance 10-20M	Height 5-7M / Distance 10-20M	Height 5-7M / Distance 10-20M	Height 5-7M / Distance 10-20M
	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: 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.

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.

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