



## 15000LM All In One Solar Street Light 40W - 100W Monocrystalline Silicon Solar Panel

### Our Product Introduction

#### Basic Information

- Place of Origin: Shenzhen China
- Brand Name: Chanpower
- Certification: CE FCC ROHS
- Model Number: TL-2301 / TL-2403
- 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: Monocrystalline Silicon
- Battery Pack: LiFePO4
- Solar Charger: MPPT/PWM
- LED Lamp: 40W~100W
- Light Materials: Aluminium
- Pole Height: 5~10 Meter
- Highlight: commercial solar pole lights

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## Product Description

### Solar Energy Street Light 15000LM Maximum Power Point Tracking Charge Controller

#### Feature

CE and ROHS certified product

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

Solar Street Light LED Fixture, High-Pressure Die-casting Aluminum.

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

Solar Street Light PV Panel, with stand heavier snow load and higher wind-pressure.

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

Solar Street Light battery, Large capacity, larger capacity than ordinary lead-acid batteries

Solar Street Light battery, Easy transportation with no leaking of battery

Solar Street Light battery, Real green and environmentally friendly batteries

Battery Box Waterproof, IP 67, Antiseptic

Solar Street Light Controller, 12V/24V automatic identify or user-defined working voltage

Solar Street Light Controller, High efficient Series PWM charging, increase the battery lifetime and improve the solar system performance

Solar Street Light Controller, Aluminum housing

Solar Street Light Controller, Suitable for Lead-acid, LiNiCoMnO<sub>2</sub>, LiFePO<sub>4</sub>, LiCoO<sub>2</sub> battery, etc.

Solar Street Light Pole, Q235A superior quality steel for Poles

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



#### Parameters

Item	TL-2301/2403-40	TL-2301/2403-60	TL-2301/2403-80	TL-2301/2403-100
Light Style	Split	Split	Split	Split
POWER	40W	60W	80W	100W
Flux	5400~6600 lm	8100~9900 lm	10800~13200 lm	13500~16500 lm

LED	Color Temp	4000~6000K	4000~6000K	4000~6000K	4000~6000K
	Brand	CREE	CREE	CREE	CREE
	Max Power	40W	60W	80W	100W
	Life	50000hrs	50000hrs	50000hrs	50000hrs
Solar Panels	Largest Wattage	120W monocrystalline silicon	180W monocrystalline silicon	240W monocrystalline silicon	300W monocrystalline silicon
	Life	25years	25years	25years	25years
Battery	Type	Lithium iron phosphate battery 1100WH	Lithium iron phosphate battery 1650WH	Lithium iron phosphate battery 2200WH	Lithium iron phosphate battery 2750WH
	Life	5-8years	5-8years	5-8years	5-8years
Control / Chanpower	Type	MPPT / PWM	MPPT / PWM	MPPT / PWM	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 5-10M / Distance10-25M	Height 5-10M / Distance10-25M	Height 5-10M / Distance15-30M	Height 5-10M / Distance15-30M
	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	5-10M	5-10M	5-10M	5-10M
	Thickness	2.5MM	2.5MM	2.5MM	2.5MM
	Weight	35-45kg	35-45kg	35-45kg	35-45kg
	Flange	250*250mm	250*250mm	250*250mm	250*250mm
	Ground Cage	2kg	2kg	2kg	2kg

## FAQ

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

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

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: 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 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.

Q:Can I Get A Lower Price If I Order Large Quantities?

A:Different Order Quantity Different Price, In Addition Any Customized Service Is Available According To Target Price.



**Beijing Silk Road Enterprise Management Services Co.,LTD**



17733330123



miclecleanmo@gmail.com



solarpanelstreetlight.com

No 41, Dongsihuan Zhong Road, Chaoyang District,Beijing,100025,P.R.C