



Chanpower Solar Panel Street Light High Output With LiFePO4 Battery

Our Product Introduction

Basic Information

- Place of Origin: Shenzhen China
- Brand Name: Chanpower
- Certification: CE FCC ROHS
- Model Number: TL-5501/4203
- 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: 180w
- LED: CREE 60w
- Controller: MPPT Charge Controller
- Battery: LiFePO4
- Application: Square, Garden
- Pole Length: 6-10m
- Protection Level: IP65
- Material: ABS+Aluminum
- Highlight: solar walkway lights

Product Description

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Feature

CE and ROHS certified product
 Solar Street Light LED Fixture surface with Polyester Substance
 Solar Street Light LED Fixture, Cree or bridgelux leds 3w/pc, big size chip and gold line, real 45mil, high lumen
 Solar Street Light PV Panel, beautifully plate design, Highly optimized for general use
 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, High temperature performance, electric heating peak is twice that of LiNiCoMnO2 battery
 Solar Street Light battery, No memory effect, can often work under the condition of not filling out, charge and discharge at any time, no need to finish and recharge
 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 Heat protection
 Solar Street Light Controller, 12V/24V automatic identify or user-defined working voltage
 Solar Street Light Controller, New SOC method of calculating accurately displays the available battery capacity
 Solar Street Light Controller, Efficient charging and efficient LED drive, significantly reducing product temperature rise.
 Solar Street Light Controller, Advanced constant current control technology to ensure smooth and stable output current, reduce light failure, extend LED life.

Parameters

Item		TL-5501/4203	TL-5501/4203	TL-5501/4203	TL-5501/4203
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	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 6-10M / Distance 10-25M	Height 6-10M / Distance 15-30M	Height 8-12M / Distance 20-35M	Height 8-12M / Distance 20-35M
	Installation Hole	Diameter: 40-75MM	Diameter: 40-75MM	Diameter: 40-75MM	Diameter: 40-75MM
Pole	Type	Cone [Ø60mm/Ø140mm]	Cone [Ø60mm/Ø140mm]	Cone [Ø60mm/Ø180mm]	Cone [Ø60mm/Ø180mm]
	Material	Galvanized Sheet with Coating	Galvanized Sheet with Coating	Galvanized Sheet with Coating	Galvanized Sheet with Coating
	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: 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: 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.

Q: Can I Get The Pre-Production solar street controller Sample?

A: Yes, Pre-Production solar street controller Sample Is Available.

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 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: 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.

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