



LiFePO4 Battery Solar Panel Street Light CREE 80w LED Residential

Our Product Introduction

Basic Information

- Place of Origin: Shenzhen China
- Brand Name: Chanpower
- Certification: CE FCC ROHS
- Model Number: TL-5901
- 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: 240w
- LED: CREE 80w
- Controller: MPPT Charge Controller
- Battery: LiFePO4 2200ah
- Application: Square, Street, Road
- Pole: 8-12m
- Protection Level: IP65
- Material: ABS+Aluminum
- Usage: Outdoors Patio Pathway Landscape Garden
- Type: Solar Rechargeable
- Highlight: **solar powered street lights**

Product Description

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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, 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, 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, Easy transportation with no leaking of battery
 Solar Street Light battery, Real green and environmentally friendly batteries
 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, Support firmware upgrade
 Solar Street Light Controller, Suitable for Lead-acid, LiNiCoMnO2, LiFePO4, LiCoO2 battery, etc.
 Solar Street Light Pole, Dismountable parts save more shipping space, saving your money.
 Solar Street Light Pole, Arm diameter: 48&60mm

Parameters

Item		TL-5901	TL-5901	TL-5901	TL-5901
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
	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

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: 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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