SOLAR LIGHT

40w CREE Solar Panel Street Light With LiFePO4 Battery Stable Operation

Our Product Introduction

Basic Information

- Place of Origin: Shenzhen China
- Brand Name: Chanpower
- Certification: CE FCC ROHS
- Model Number: TL-4203/3203
- 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: 120w
- LED: 40w CREE
- Controller: Charge Controller PWM
- Battery: LiFePO4
- Application: Square, Outdoor
- Pole Length: 5-7m
- Highlight: **solar walkway lights**

Product Description

40w CREE Solar Panel Street Light With LiFePO4 Battery Stable Operation

Feature

Average distribution light lens, long pole distance, easy to get the acceptance requirements
Solar Street Light LED Fixture with tempered glass,EVA lamination and weatherproof backsheet provide long-life and enhance cell performance
Solar Street Light LED Fixture, High-Pressure Die-casting Aluminum.
Solar Street Light PV Panel,Glass light distribution,no PC diffuser,once distributing light makes sure only less loss of ray
Solar Street Light PV Panel,Strong frame,passing mechanical load test of 5400pa, instead of the normal 2400pa.
Solar Street Light battery,Built-in Chanpower designed BMS control circuit to ensure stable operation and high reliability
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 Pressure resistant, Good ventilation, Patented design
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, 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,Material Q235, mild steel (Q275 Q345 available)
Solar Street Light Pole,Height: 4m, 5m, 6m, 7m,8m, 9m, 10m, 11m, 12m

Parameters

Item		TL-4203/3203	L-4203/3203	TL-4203/3203	TL-4203/3203
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 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 rainning days	12hrs every day 3-5 rainning days	12hrs every day 3-5 rainning days	12hrs every day 3-5 rainning 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 hoursr]	5 Time Save Setting,[eg. X% Power Light 1st 4 hours,X% Power Light 2nd 4 hours, X% Power Light 3rd 4 hoursr]	5 Time Save Setting,[eg. X% Power Light 1st 4 hours,X% Power Light 2nd 4 hours, X% Power Light 3rd 4 hoursr]	5 Time Save Setting,[eg. X% Power Light 1st 4 hours,X% Power Light 2nd 4 hours, X% Power Light 3rd 4 hoursr]
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
	Type	Cone [Ø60mm/Ø140mm]	Cone [Ø60mm/Ø140mm]	Cone [Ø60mm/Ø140mm]	Cone [Ø60mm/Ø140mm]

Pole	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: 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: 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: What about the lead time?
A: Accessory sample needs 3-5 days, mass production needs 1-4 weeks for order quantity more than one container.

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