



Long Pole Distance Solar Panel Street Light Explosion Proof Lifespan 50000hrs

Our Product Introduction

Basic Information

- Place of Origin: Shenzhen China
- Brand Name: Chanpower
- Certification: CE FCC ROHS
- Model Number: TL-3801/02
- 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: 165w
- LED: 55w CREE
- Controller: Charge Controller PWM / MPPT
- Battery: LiFePO4
- Application: Square, Road
- Pole Length: 5-7m
- Highlight: solar walkway lights

Product Description

Long Pole Distance Solar Panel Street Light Explosion Proof 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 implement of Reflect, Made of High Purity 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, Long service life, using cells with more than 2000 cycles, life expectancy of more than 5 years
 Solar Street Light battery, Real green and environmentally friendly batteries
 Solar Street Light battery, Long life design
 Battery Box Life span: 20years
 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, LandStar BP has no keys, The control function and the switch condition of the load can be modified by communication connection
 Solar Street Light Controller, Use of standard Modbus communication protocol for TTL-232 bus connections, communication protocol compatibility much better
 Solar Street Light Pole, Fastener Bolt and Screws: Stainless Steel
 Solar Street Light Pole, Life span: 25years

Parameters

Item		TL-3801/02	L-3801/02	TL-3801/02	TL-3801/02
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
	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: 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: 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



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