



LED Pathway All In One Solar Street Light Plate Design 13000lm Battery Lifespan

Our Product Introduction

Basic Information

- Place of Origin: Shenzhen China
- Brand Name: Chanpower
- Certification: CE FCC ROHS
- Model Number: TL-1901
- 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: Mono
- Solar Battery: LiFePO4
- Solar Charger: PWM/MPPT
- LED: 40-100Watt
- Materials LED: Aluminium
- Pole: Metal Galvanized
- Application: Road
- Hight: 6-10meter
- Highlight: **solar powered road lights**

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Product Description

LED Pathway All In One Solar Street Light Plate Design 13000lm Battery Lifespan

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, 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,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,Environmentally friendly, no heavy metals and rare metals, no poisons and no pollution, in line with RoHS environmental protection regulations
 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 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, 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.

Parameters

Item		TL-1901-40	TL-1901--60	TL-1901--80	TL-1901--100
Light Style		Split	Split	Split	Split
POWER		40W	60W	80W	100W
LED	Flux	5400~6600 lm	8100~9900 lm	10800~13200 lm	13500~16500 lm
	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	Type	ChanPower MPPT	ChanPower MPPT	ChanPower MPPT	ChanPower MPPT
	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 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: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.

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

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

Q: When You Ship My Order?

A:Standard Lead Time Base On Order Details, Any Urgent Please Tell Us Freely, Then Help You.

Q:How About The Quality Guarantee Period?

A:3 Years Warranty And Free Spare Parts Service

Q: How Can You Guarantee The Production Quality?

A: Strict QA System, IQC/PQC/FQC With Internal Inspection, Any 3Rd Party Inspection Is welcome Too.

Q: What are LEDs and how do they work?

A: LEDs or Light Emitting Diodes are a form of semi-conductor. They do not have the gas filled chambers or lighting filaments associated with conventional lamp types. When you pass a current through the LED, it results in the required outcome of light or electroluminescence. Chanpower LEDs present many advantages over conventional light sources including lower energy consumption, longer lifetime, improved robustness, smaller size, faster switching and greater durability and reliability.

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