



Long Pole Distance Solar Energy Led Lights Li - Ion Battery Galvanized Quadrate Pole 50W

Our Product Introduction

Basic Information

- Place of Origin: Shenzhen China
- Brand Name: Chanpower
- Certification: CE FCC ROHS
- Model Number: TL-0501 / TL-0502
- 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 Panel: Monocrystalline Silicon
- Battery: LiFePO4
- Controller: PWM
- LED: 50W
- Color: Optional
- Pole: 5~10 Meter
- Highlight: solar powered road lights

Product Description

Solar Street Light Li-ion Battery Galvanized Quadrate Pole 50W

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 with excellent performance in low-light irradiance environment
 Solar Street Light PV Panel, Superior Aluminium alloy material, radiating function is more efficient, make sure long lifespan
 Solar Street Light PV Panel, Excellent efficiency based on innovative
 Solar Street Light battery, Good safety, no risk of explosion
 Solar Street Light battery, Large capacity, larger capacity than ordinary lead-acid batteries
 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 Heat protection
 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, Q235A superior quality steel for Poles
 Solar Street Light Pole, Dismountable parts save more shipping space, saving your money.



Parameters

Item	TL-0501/0502-40	TL-0501/0502-60	TL-	TL-
Light Style	Split	Split	Split	Split
POWER	40W	60W	80W	100W
Flux	5400~6600 lm	8100~9900 lm	5400~6600 lm	5400~6600 lm
Color Temp	4000~6000K	4000~6000K	4000~6000K	4000~6000K

LED	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: What are the advantages of solar LED?

- A:A. Optical Efficiency
- B. High-quality Light
- C. Small Energy Consumption
- D. Long life
- E. Durable and Reliable
- F. Flexibility of Application
- G. Security
- H. Green
- I. Short Response Time

Q: Can I have the sample of Chanpower solar controller products?

A: Sure, you can order the sample from us. Pls let us know the Model No. and the Quantity. Normally, Chanpower will have many stored for the standard solar controller products.

Q: Any discount available for the big quantity order?

A: The price of our solar LED street lights products can be negotiated if you have big quantity order or some projects in hand.

Q: Is Chanpower solar street light controller really environmentally friendly?

A: A single kilowatt-hour of electricity will generate 1.34 pounds (610 gm) of CO2 emissions. Assuming the average light bulb is on for 10 hours a day, a single 50-watt halogen lamp will generate 250 pounds (114 kg) of CO2 every year. The 8 watt Chanpower equivalent will only be responsible for 40 pounds (18 kg) of CO2 over the same time span. A building's carbon footprint from lighting alone can be reduced by a staggering 68% by exchanging all conventional style lamps for Chanpower. It is our mission to help reduce your long-term costs and yours to help make a difference toward a cleaner, greener future

Q: Where to install and how to install our solar led street lights:

A:They can be installed in the garden, residential area, courtyard, road, main area, parking area or provide the light in roads where it's necessary, the battery provide the energy for lighting, and the solar panel charge for the battery.

The installation is easy: Fix the light on the pole / wall, adjust its direction to make sure good sunshine. It will begin to work once you open its switch.



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