



40w Solar Powered Yard Lights 5 - 7m Pole Length With MPPT Charge Controller

Our Product Introduction

Basic Information

- Place of Origin: Shenzhen China
- Brand Name: Chanpower
- Certification: CE FCC ROHS
- Model Number: TL-4502
- 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: CREE 40w
- Controller: MPPT Charge Controller
- Battery: LiFePO4
- Application: Square, Parking
- Pole Length: 5-7m
- Highlight: solar walkway lights

Product Description

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Feature

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, beautifully plate design, highly optimized for general use
 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.
 Solar Street Light battery, Echo-friendly: No Cadmium. No leaking
 Solar Street Light battery, Working temperature: -0 to +60 centigrade
 Battery Box Heat protection
 Solar Street Light Controller, 12V/24V automatic identify or user-defined working voltage
 Solar Street Light Controller, Use MOSFET as electronic switch, without any mechanical switch
 Solar Street Light Controller, Suitable for Lead-acid, LiNiCoMnO₂, LiFePO₄, LiCoO₂ battery, etc.
 Solar Street Light Controller, IR and MW sensor optional
 Solar Street Light Pole, Q235A superior quality steel for Poles
 Solar Street Light Pole, Hot dip galvanizing (HDG) process make sure 10 years rusty and 20 years lifespan.

Parameters

Item		TL-4502	L-4502	TL-4502	TL-4502
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 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: 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.

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.



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