



Metal Galvanized Pole Commercial Solar Pole Lights 100W 15000lm

Our Product Introduction

Basic Information

- Place of Origin: Shenzhen China
- Brand Name: Chanpower
- Certification: CE FCC ROHS
- Model Number: TL-1801 / TL-1802
- 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: Mono 100-300W
- Battery Lifespan: 5 Years
- Charge Controller: MPPT
- LED Power: 40W~100W
- Pole Materials: Metal Galvanized
- Poles Distance: 15-30 Meter
- Highlight: commercial solar pole lights

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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,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,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,Easy transportation with no leaking of battery
 Solar Street Light battery,Real green and environmentally friendly batteries
 Battery Box Heat protection
 Solar Street Light Controller,Use MOSFET as electronic switch, without any mechanical switch
 Solar Street Light Controller, Multiple load control modes, increase the flexibility of the load output
 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,Life span: 25years

Parameters

Item		TL-1801/02-40	TL-1801/02-60	TL-1801/02-80	TL-1801/02-100
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
	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	5-10M	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: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.

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.

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