



9900LM All In One Solar Street Light 60W With MPPT / PWM Solar Charger

Our Product Introduction

Basic Information

- Place of Origin: Shenzhen China
- Brand Name: Chanpower
- Certification: CE FCC ROHS
- Model Number: TL-1503
- 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 180watt
- Battery: Lithium 1650ah
- Solar Charger: MPPT/PWM
- LED Fixture: 60W
- Application: Street, Parking
- Pole Length: 6-10 Meter
- Highlight: commercial solar pole lights

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Product Description

Solar LED Street Light 9900LM, Color Temp 6000K, LiFePO4 1650AH

Feature

CE and ROHS certified product

Solar Street Light LED Fixture with tempered glass,EVA lamination and weatherproof backsheet provide long-life and enhance cell performance

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,Superior Aluminium alloy material, radiating function is more efficient,make sure long lifespan

Solar Street Light PV Panel,Glass light distribution,no PC diffuser,once distributing light makes sure only less loss of ray

Solar Street Light battery,Built-in Chanpower designed BMS control circuit to ensure stable operation and high reliability

Solar Street Light battery,No memory effect, can often work under the condition of not filling out, charge and discharge at any time, no need to finish and recharge

Solar Street Light battery,Extremely low internal resistance and self-discharge rate

Solar Street Light battery,Long life design

Battery Box Waterproof , IP 67,Antiseptic

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, 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.

Solar Street Light Pole,Hot dip galvanizing(HDG) process make sure 10 years rusty and 20 years lifepan.

Solar Street Light Pole,Material Q235, mild steel (Q275 Q345 available)



Parameters

Item	TL-1503-40	TL-1503-60	TL-1503-80	TL-1503-100
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	[Ø60mm/Ø140mm]	[Ø60mm/Ø140mm]	[Ø60mm/Ø140mm]	[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: 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

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.

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