



## Lithium Battery Solar Powered Yard Lights Color Temp 6000K MPPT Charge Controller

### Our Product Introduction

#### Basic Information

- Place of Origin: Shenzhen China
- Brand Name: Chanpower
- Certification: CE FCC ROHS
- Model Number: TL-5803
- 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

- Color Temperature: 6000k
- LED Flux: 10800lm
- Controller: MPPT Charge Controller
- LED: 80w
- Application: Garden, Outdoor
- MW Sensor: Optional
- Protection Level: IP65
- Material: ABS+Aluminum
- Highlight: solar walkway lights

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## Product Description

### Lithium Battery Solar Powered Yard Lights Color Temp 6000K MPPT Charge Controller

#### 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  
 High salt mist and ammonia resistance of LED fixture  
 Solar Street Light PV Panel, Superior Aluminium alloy material, radiating function is more efficient, make sure long lifespan  
 Solar Street Light PV Panel, beautiful plate design, highly optimized for general use  
 Solar Street Light battery, High temperature performance, electric heating peak is twice that of LiNiCoMnO<sub>2</sub> 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, Echo-friendly: No Cadmium. No leaking  
 Solar Street Light battery, Working temperature: -0 to +60 centigrade  
 Battery Box Pressure resistant, Good ventilation, Patented design  
 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 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, Dismountable parts save more shipping space, saving your money.  
 Solar Street Light Pole, Fastener Bolt and Screws: Stainless Steel

#### Parameters

Item		TL-5803	TL-5803	TL-5803	TL-5803
Light Style		Split	Split	Split	Split
POWER		60W	80W	100W	120W
LED	Flux	8100~9900 lm	10800~13200 lm	13500~16500 lm	16200~19800 lm
	Color Temp	4000~6000K	4000~6000K	4000~6000K	4000~6000K
	Brand	CREE	CREE	CREE	CREE
	Max Power	60W	80W	100W	120W
	Life	50000hrs	50000hrs	50000hrs	50000hrs
Solar Panels	Largest Wattage	180W monocrystalline silicon	240W monocrystalline silicon	300W monocrystalline silicon	360W monocrystalline silicon
	Life	25years	25years	25years	25years
Battery	Type	Lithium iron phosphate battery 1650WH	Lithium iron phosphate battery 2200WH	Lithium iron phosphate battery 2750WH	Lithium iron phosphate battery 3300WH
	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 6-10M / Distance 10-25M	Height 6-10M / Distance 15-30M	Height 8-12M / Distance 20-35M	Height 8-12M / Distance 20-35M
	Installation Hole	Diameter: 40-75MM	Diameter: 40-75MM	Diameter: 40-75MM	Diameter: 40-75MM
	Type	Cone [Ø60mm/Ø140mm]	Cone [Ø60mm/Ø140mm]	Cone [Ø60mm/Ø180mm]	Cone [Ø60mm/Ø180mm]

Pole	Material	Galvanized Sheet with Coating	Galvanized Sheet with Coating	Galvanized Sheet with Coating	Galvanized Sheet with Coating
	Length	6-10M	6-10M	8-12M	8-12M
	Thickness	2.5MM	2.5MM	3.0MM	3.0MM
	Weight	35-45kg	35-45kg	40-50kg	40-50kg
	Flange	250*250mm	250*250mm	300*300mm	300*300mm
	Anchor Bolt	2kg	2kg	3kg	3kg

### FAQ

Q: What about the lead time?

A: Accessory sample needs 3-5 days, mass production needs 1-4 weeks for order quantity more than one container.

Q: Are you a factory or a trading company?

A: Chanpower is the factory with high production capacity and product range of solar products in China.

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.

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.

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