



## 40W - 80W Integrated Solar Led Street Light , Solar Powered Garden Street Lamps

### Our Product Introduction

#### Basic Information

- Place of Origin: Shenzhen China
- Brand Name: Chanpower
- Certification: CE FCC ROHS
- Model Number: TL-1902
- 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: Monocrystalline Silicon
- Battery Material: LiFePO4
- Controller: MPPT
- LED: 40W-80W
- LED Materials: Aluminium
- Pole Hight: 6-10 Meter
- Highlight: commercial solar pole lights

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## Product Description

### Solar Street Light Built-in Lithium Battery Mono Solar Panel 40W-100W IP67

#### Feature

Chanpower Manufactured according to international quality management system(ISO9001)  
 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 with anti-reflective coating improving light absorption and reduces surface dust  
 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,Excellent efficiency based on innovative  
 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,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,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, Gel, Sealed, Flooded and user-defined battery type option  
 Solar Street Light Controller,New SOC method of calculating accurately displays the available battery capacity  
 Solar Street Light Pole, Q235A superior quality steel for Poles  
 Solar Street Light Pole,Finish Hot-dip Galvanize, powder coating



#### Parameters

Item		TL-1902-40	TL-1902-60	TL-1902-80	TL-1902-100
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
	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	12hrs every day	12hrs every day	12hrs every day
		3-5 raining days	3-5 raining days	3-5 raining days	3-5 raining days

Control					
	Normal Setting	5 Time Save Setting,[eg. X% Power Light 1st 4 hours,X% Power Light 2nd 4 hours, X% Power Light 3rd 4 hoursr]	5 Time Save Setting,[eg. X% Power Light 1st 4 hours,X% Power Light 2nd 4 hours, X% Power Light 3rd 4 hoursr]	5 Time Save Setting,[eg. X% Power Light 1st 4 hours,X% Power Light 2nd 4 hours, X% Power Light 3rd 4 hoursr]	5 Time Save Setting,[eg. X% Power Light 1st 4 hours,X% Power Light 2nd 4 hours, X% Power Light 3rd 4 hoursr]
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: 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.

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



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