



## 165 Watt Solar Led Landscape Lights , Lithium 1510ah Solar Powered Exterior Lights

### Our Product Introduction

#### Basic Information

- Place of Origin: Shenzhen China
- Brand Name: Chanpower
- Certification: CE FCC ROHS
- Model Number: TL-3601
- 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: 165 Watt
- LED: CREE 555att
- Controller: PWM / MPPT Solar Charge Controller
- Battery: Lithium 1510ah
- Application: Square, Street
- Pole: 6-10m
- Highlight: solar walkway lights

## Product Description

### 165 Watt Solar Led Landscape Lights , Lithium 1510ah Solar Powered Exterior Lights

#### Feature

Solar Street Light PV Panel, Superior Aluminium alloy material, radiating function is more efficient, make sure long lifespan  
 Solar Street Light PV Panel, Strong frame, passing mechanical load test of 5400pa, instead of the normal 2400pa.  
 Solar Street Light battery, Good safety, no risk of explosion  
 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, Extremely low internal resistance and self-discharge rate  
 Battery Box Heat protection  
 Solar Street Light Controller, 12V/24V automatic identify or user-defined working voltage  
 Solar Street Light Controller, High efficient Series PWM charging, increase the battery lifetime and improve the solar system performance  
 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, Fastener Bolt and Acrows: Stainless Steel  
 Solar Street Light Pole, Finish Hot-dip Galvanize, powder coating

#### Parameters

Item		TL-3610	L-3610	TL-3610	TL-3610
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
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	25-40kg	25-40kg	25-40kg	25-40kg
Flange	250*250mm	250*250mm	250*250mm	250*250mm
Anchor Bolt	2kg	2kg	2kg	2kg

## FAQ

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: 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.

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