

LED SOLAR STREET LIGHTS

INSTALLATION INSTRUCTIONS

IMPORTANT SAFEGUARDS

When using electrical equipment, basic safety precautions should always be followed as follows:

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

- *Installation shall not be in places where contain serious corrosion, or danger of flammability & explosion.
- *Wrong input voltage will cause permanent damage to the lamp. Make sure of the correct wire connection before power on. (The Power must be switched off before any operation)
- *Only qualified electricians should undertake the installation or future maintenance.
- *Strong impact might cause damage to the lamp.
- *Handle with care to avoid Heat sink fin Burr hurt.

SAVE THIS INSTRUCTIONS FOR FUTURE REFERENCE



Optional LED street lights



Item List

1. Solar Panel x 1
2. Solar Panel Bracket x 1 (Optional)
3. Spigot x 1 (Optional)
4. Integrated lithium control battery x 1
5. LED street light x 1
6. Waterproof plug wire 1000mm x 1
7. Waterproof plug wire 2500mm x 1
8. Mounting arm x 1(Optional)



Caution, risk of electric shock

The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.



This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

STANDARD MOUNTING

I. Solar Panel Installation

1. Fix the solar panel onto the solar panel bracket using four M6x35 bolts.
2. Attach the spigot to the solar panel bracket with four M8x 40 bolts (Note: The outlet direction of the solar panel junction box is downwards).
3. Secure the integrated lithium control battery on the solar panel bracket with four M6x35 bolts.
4. Connect the bare wire end of the 1000mm waterproof plug wire to the solar panel (photovoltaic module) junction box. Note that the red /brown wire should be connected to the positive terminal and the black /blue wire to the negative terminal (skip this step if the solar panel comes with pre-attached wires).

II. Street Light Installation

1. Thread the bare wire end of the 2500mm waterproof plug wire from the bottom hole to the top end of the mounting arm.
2. Route the threaded wire through a PG connector into the street lamp head, and connect it to the terminal block, noting that the red/brown wire is the positive and the black/blue wire is the negative. After completing the wiring, tighten the PG waterproof gland and secure the street lamp head on the mounting arm, ensuring that the street light is parallel to the ground for optimal illumination.

III. Final Assembly

1. Mount the assembled solar panel with the spigot onto the light pole. Note: The solar panel should face towards the sun and not be installed near trees or other obstructions.
2. Fix the assembled street light arm at the corresponding position on the lamp pole.
3. First, connect the waterproof connector wire from the street light to the female connector of the integrated lithium control battery, wait for approximately 20 seconds until the street light lights up, then connect the solar panel wire (female connector) to the male connector of the integrated lithium control battery (if using multiple solar panels, any male connector can be used for this connection). After completing the connections, the street light should turn off after about 20 seconds, indicating successful wiring.

IV. Additional Notes

The above wiring process is for customers who have their own light poles. If the entire set is provided by ZGSM, we recommend routing the cables through the lamp pole for a neater installation.

