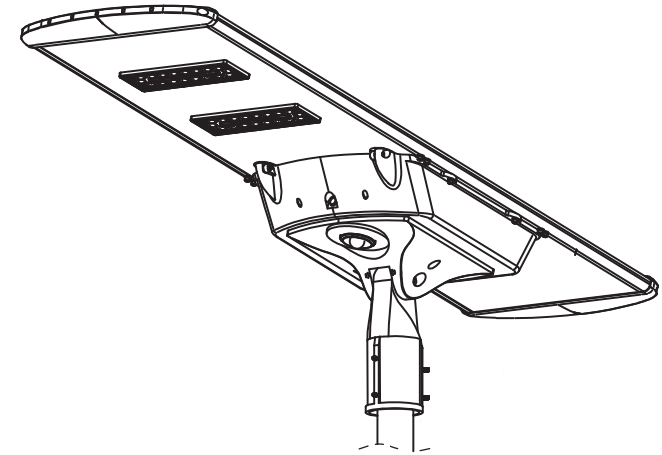


INSTALLATION MANUAL



Specifications

- Power 40W
- Light Distribution Type II-S / TYPE II-M / TYPE III-M
- System Voltage 12V
- CCT 6500K

Warning

- Due to the difference in longitude and latitude of the installation site, the sun's illumination angle is different. During installation, the plane of the solar panel should be facing the sun at 12:00 noon.
- Many times, due to the problem of road direction and light pole, the solar panel can not face the sun at 12:00 noon for the lighting effect of the road, but the solar panel must be kept horizontal.
- The following conditions will cause the standard lamps to not work properly:
 - a. Any deviation below the horizontal of the solar panel against the solar irradiation angle will lead to a significant reduction in the power generation efficiency of the solar panel.
 - b. The installation of solar lamps and lanterns should avoid any obstacles blocking the sun, such as trees, buildings, etc.
 - c. Natural phenomena such as rain, ice and snow, dust, clouds, and bird droppings will reduce the power generation efficiency of solar panels.
- The distance between lamps should be installed far away from areas with strong electromagnetic interference, such as high-voltage cables, high-power wireless transmission towers, etc., which may cause the lamp control system to function disorder and not work properly.
- Low temperatures below 0 °C will reduce the charge and discharge efficiency of lithium iron phosphate battery.
- Any impact of the natural environment may cause the reduction of the efficiency of solar panel power generation. The lithium iron phosphate battery can easily trigger the protection mechanism and cause the lamps to fail to work normally after being discharged for many times. Most lithium batteries can work again after being protected by plugging and unplugging the connection between the battery and the light source, and the connection of the solar panel of the battery.
- After the battery protection is turned off and reactivated, we should find and eliminate the natural environmental factors that reduce the efficiency of solar panel power generation and reduce the power consumption of the light source.
- Lamps should be installed on sunny days with sufficient sunshine. The power of the lamps is 30% when leaving the factory. Before installation and use, ensure that the lamps can be effectively charged in the sun for more than 4 hours after starting up. Otherwise, it may cause the battery startup stress protection caused by over-discharge of the battery, which may cause the lamps to not work normally.
- Due to the self-discharge and stress protection mechanism of lithium iron phosphate battery, the lamp has not been installed and used within 60-90 days after leaving the factory. The lamp should be effectively charged in the sun for 4 hours after being turned on.
- The failure of lamps to work due to the above reasons is not covered by the warranty, but we will assist customers to find and analyse the causes and provide improvement plans. Those that cannot be activated after battery protection are not covered by the warranty.

Usage Conditions

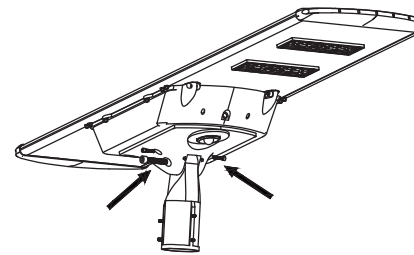
- Working Temperature (-20°C to +60°C)
- Relative humidity below 95%
- Used in areas without severe impact such as shock and vibration
- Applications: Roads, Streets, Car Parks

Installation Instructions



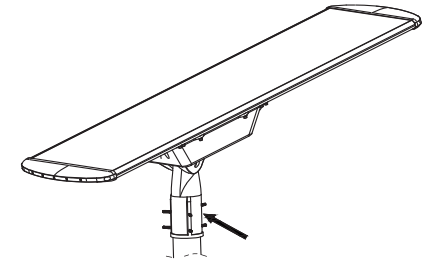
1. Live work is forbidden
2. Installation by a qualified electrician only
3. Changing product structure is forbidden
4. If any issues are met, please contact our team

STEP 1



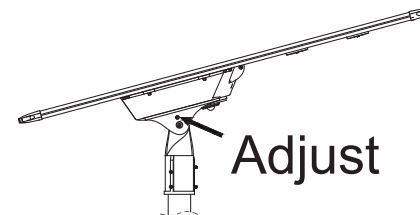
Use 2pcs M6*30 and 1pc M12*70 hexagon socket head cap screw to fix the bracket into the lamp body by hexagon wrench.

STEP 2



Use 6pcs M8*30 cap less allen screw to fix the lamp into the poles by M8 hexagon wrench.

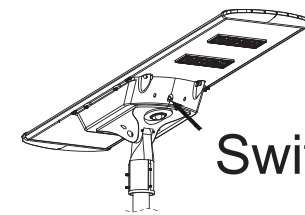
STEP 3



Adjust

Loosen the M6 screws, choose the suitable angle, then tighten the screws, fix the lamp.

STEP 4



Switch Button

Push down the metal switch (as shown in above pic), for the lamp to start working.
Installation complete.