

80W All-in-One Solar Street Light

This 80W all-in-one solar street light is designed for poles of 8-10 meters. It is widely used in various regions.



Overview



High-Efficiency 80W Integrated Solar Lighting

This 80W All-in-One Solar Street Light is a self-contained outdoor lighting solution that integrates a high-efficiency solar panel, LED lamp, lithium battery, and intelligent controller into a single unit. Designed for poles of 8-10 meters, it offers a cost-effective and sustainable way to illuminate streets, pathways, and parking lots without external wiring. The system is engineered for durability with weather-resistant materials and features intelligent power management to ensure reliable performance throughout the night.

Technical Specifications

Rated Power

80 W
LED Power

Recommended Pole Height

8-10 meters

Integrated Components

Solar Panel, LED Lamp, Lithium Battery, Intelligent Controller

Intelligent Control

Lighting Control Modes

- Light Control (Auto On/Off)
- Time Control Mode
- Motion Sensor (Human Body Induction)
- Power Saving Mode

Motion Sensor Performance

Status	Brightness Level	Detection Range
Human body detected	100% Brightness	120 Degrees
No motion (after 1 min)	30% Brightness	N/A

Time-Based Power Output

100% power output for the first 4 hours, followed by 30% power output in saving mode.

Construction & Materials



Screw Material

SUS316 Stainless Steel

Material Specifications

Component	Material	Thickness
Mounting Bracket	Stainless Steel	4mm
Main Structure	Stainless Steel	2.5mm
Fasteners	SUS316	N/A

Installation & Service



Support Services

- Detailed installation documentation
- Remote engineering guidance
- Free after-sales service during warranty

Installation Efficiency

Complete setup in approximately 3 minutes

Warranty

3 years