

Integrated Outdoor LED Solar Street Light with Automatic Cleaning

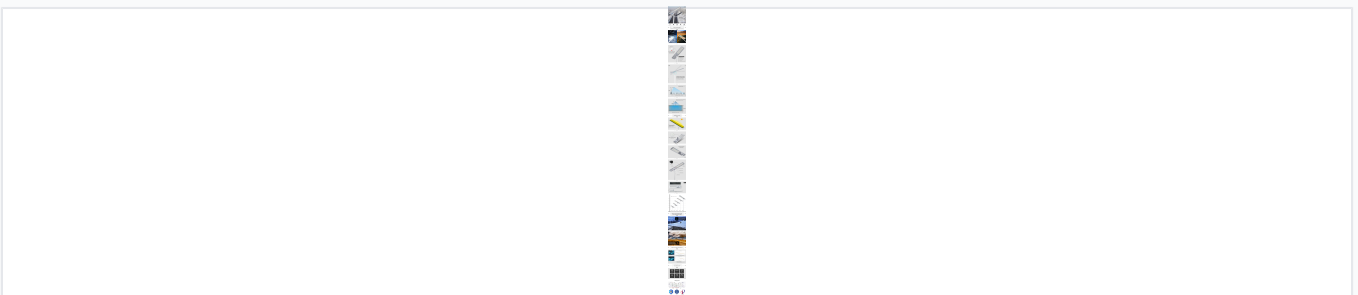
This integrated LED solar street light is designed for outdoor use and high lumen output. It features an automatic solar panel cleaning system and anti-dust/anti-freeze protection.



ADDITIONAL IMAGES



Product Overview



The automatic cleaning system ensures the solar panel remains free of dust and snow, maintaining peak performance in various environments.

Intelligent Solar Lighting Solution

This advanced integrated solar street light features a patented automatic cleaning system that removes dust and snow, ensuring optimal charging efficiency without manual labor. Equipped with proprietary technology for all-night lighting even in cloudy conditions, it offers reliable performance in diverse climates. The system includes intelligent battery protection for both extreme high and low temperatures, alongside a smart fault alarm system to significantly reduce maintenance costs.

Key Features

Environmental Protection

- Anti-dust protection
- Anti-freeze protection
- Temperature-resistant battery management

Core Technologies

Automatic Cleaning System, ALS3.0 Lighting Tech, TCS Battery Protection, FAS Fault Alarm System

Technical Specifications

Operating Temperature

-20 °C

Minimum

60 °C

Maximum

IP Rating

IP65

Solar Panel Efficiency

22 %

Housing Material

Aluminum Alloy

Certifications

Certifications

SGS, RoHS, CE, PCC, BV, TUV, ISO