

Integrated Solar Street Light

This integrated solar street light is an intelligent outdoor lighting device with a simple integrated structural design. It achieves low power consumption, high brightness, and easy installation, with excellent waterproof and heat dissipation performance.



ADDITIONAL IMAGES



Overview

Intelligent Outdoor Solar Lighting

This integrated solar street light is an intelligent outdoor lighting solution that combines microcontrollers with a streamlined structural design. By integrating solar panels and controllers into a single unit, it achieves high brightness and low power consumption while remaining maintenance-free. Its robust waterproof and heat dissipation performance makes it a cost-effective choice for various outdoor environments.

Key Features

Core Benefits

- Simple, stylish, and lightweight design
- Wireless installation for extreme convenience
- Integrated modular light source for easy maintenance
- Alloy structural body for rust and corrosion protection
- Advanced waterproof and heat dissipation properties

Technical Design

Structural Material	High-strength alloy with anti-corrosion coating
Control Technology	Microcontroller (MCU), Intelligent Control, Integrated Controller

Manufacturing Process

Pole Manufacturing Process

Cutting • Bending • Welding • Polishing • Galvanization • Powder Coating

Model Configurations

Product Series

Series	Model Identifiers
High Power Solar Series	LTTYN-001, LTTYN-002, LTTYN-003
Integrated Series	LTTYN-004, LTTYN-005, LTTYN-006, LTTYN-007, LTTYN-008

Sustainability

Energy Features

100 %

Renewable Energy

Hybrid Capabilities

Available configurations include wind turbines for enhanced energy harvesting in diverse climates.