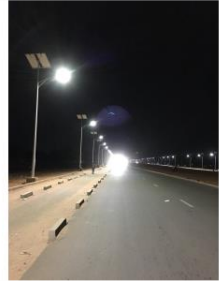


20W-100W All-in-Two Solar Street Light

This all-in-two solar street light offers a modern alternative to traditional street lighting options like LPS, HPS and MH. It integrates LED, lithium battery, and micro-controller into one system with a standalone solar panel.



Overview

High-Efficiency All-in-Two Solar Lighting

This All-in-Two Solar Street Light series offers a modern, wireless alternative to traditional HPS and MH lamps, integrating LED, lithium battery, and micro-controller into a streamlined system. Designed for rapid 5-minute installation, the system features an adjustable solar panel to maximize energy conversion and a separate component design for superior heat dissipation. With power options ranging from 20W to 100W, it provides a reliable, low-cost, and energy-efficient solution for industrial roadways and parking facilities.

Performance Metrics

Key Performance Metrics

160 lm/W

Max Luminous Efficacy

100 W

Max Power Output

5 min

Installation Time

Technical Specifications

Ingress Protection

IP65 • IP68 (Fasteners)

Light Source

Bridgelux or CREE LED Chip

Luminous Flux

140 LM/W - 160 LM/W

Battery Technology

LiFePO4 Lithium Battery

Construction & Durability



The high-pressure die-casting aluminum body ensures IP65 protection and corrosion resistance for industrial environments.



Optimized design for heat dissipation and IP68-rated anti-theft stainless steel hardware.

Hardware & Fasteners

- Stainless steel bolts and screws
- Anti-theft design
- Corrosion resistant finish

Chassis Material

High-Pressure Die-Casting Aluminum

Intelligent Controls

Integrated Control Systems

Motion Sensor, Light Control, Time Control, Micro-computer Controlled

System Advantages

Core Advantages

- Wireless application with standalone solar panel
- Adjustable solar panel angle (Vertical & Horizontal)
- Independent component design for heat dissipation
- Lower transport and maintenance costs compared to traditional solar lights