

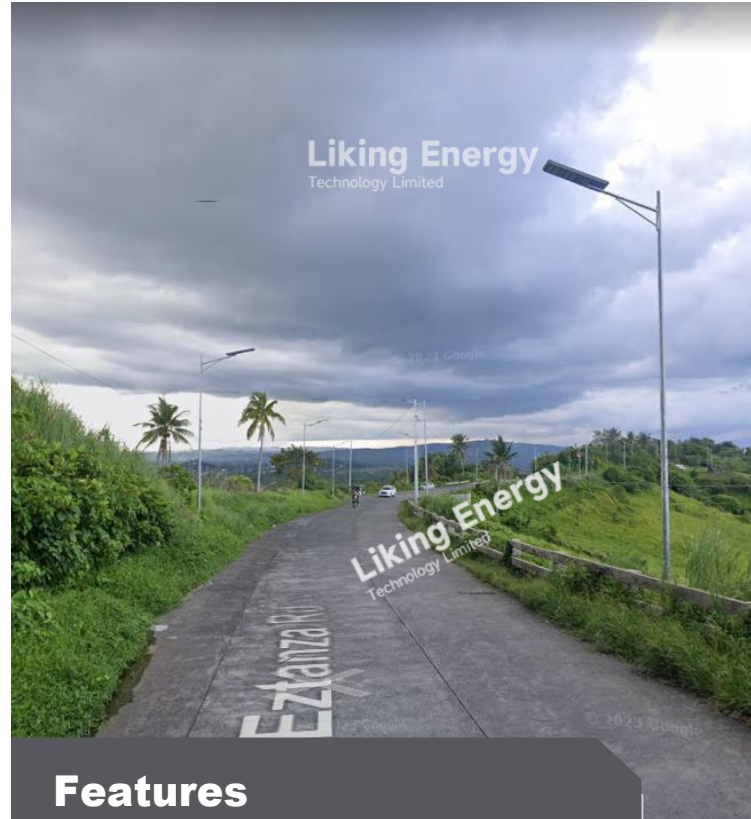
# HIGH-QUALITY INTEGRATED SOLAR LIGHTS



Our commercial integrated street lights do not rely on grid power and eliminate the need for complex cable installations. Our Liking energy H-series commercial solar street lights use high-brightness Philips or Osram 3030 LED chips, high-capacity, long-life A-grade lithium batteries, and are housed in die-cast aluminum alloy casings. These casings are lightweight, durable, and corrosion-resistant with anodized surfaces that not only enhance aesthetic appeal. Liking Energy Technology Co., Ltd. is committed to providing high-quality solar street lighting products and solutions to meet global customer needs and advance the development of green energy.



Installation height	6-8m
Lumen	220-230 lm/W
LED Output	60W



## Features

Commercial solar street lights

Ideal for areas such as city roads, highways, villages or schools

Recharged by the sun during the day and illuminated all night at night

Integrated one-piece design

Installation height is 6 - 8 meters

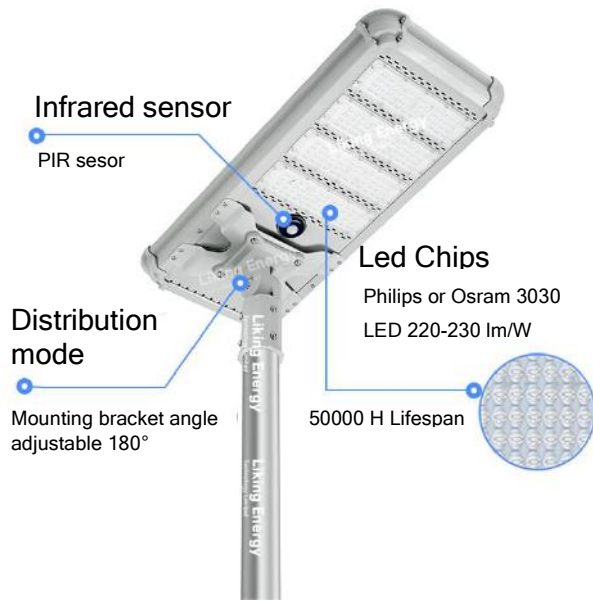
Fully sealed aluminum body, IP65 waterproof

Commercial grade solar lighting

Models 30w, 60w, 80w, 100w, 120w, 150w

2 year warranty for faulty workmanship or component failure not influenced by external means

# Liking H High Quality Solar Street Light 60W Specification



## Applications

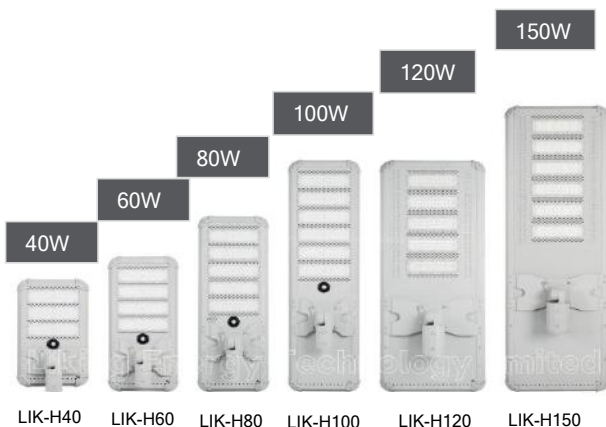
Liking Energy provides customized solar street light solutions tailored to your project needs and environmental characteristics

## Technical Data

Model	LIK-H60
LED Output	<b>60W</b>
Solar Panel Wattage	<b>18V 60W</b>
Lumen	<b>220-230 lm/W</b>
Battery Type	<b>ALithium Battery</b>
Battery specifications	<b>12V (384WH)</b>
Container Runtime Interface(CRI)	<b>≥70</b>
Correlated Colour Temp (CCT)	<b>2700-7000K</b>
Fixture Size	<b>775 * 350 * 160 mm</b>
Lamp type	<b>Philips/OSRAM 3030</b>
Recharge	<b>4 - 6 hours</b>
Mounting Height	<b>6 - 8 metres</b>
Casing material	<b>aluminum alloy</b>
IP Rating	<b>IP65</b>
Warranty Period	<b>2 years</b>

## Mode of Operation

LED\*photovoltaic panel+battery is integrated, equipped with intelligent control system, automatic charging during the day, automatic lighting at night, simple installation, convenient maintenance, no wiring required, no leakage, off-grid energy.



Outputs and custom modes of operation to suit multiple applications

Our Liking Energy goal is to meet the needs of global customers with our solar street lights. We offer options such as grid-connected solar street lights, all in one solar street lights, and split type solar street lights, all aimed at advancing the development of green energy.

# Solar PIR Controller



## Passive Infrared Sensor

### Automatic Induction Lighting:

When the PIR sensor detects the presence of people or vehicles, the solar streetlight automatically adjusts its brightness, switching from energy saving mode to full brightness mode to provide stronger illumination.

### Energy-Saving Function:

When no one or vehicles pass by, the solar streetlight automatically reduces its brightness or enters standby mode to conserve power. This smart control not only extends battery life but also ensures basic lighting needs are met even when battery power is low.

### Extended Battery Life:

The light fixtures, controlled by the PIR sensor, remain at low brightness or off for most of the time, which helps reduce continuous operation and extends the

### Enhanced User Experience:

The PIR sensor allows the solar streetlight to automatically adjust its operating status based on environmental changes, enhancing user experience. Users do not need to manually operate the light; the intelligent lighting system provides the most appropriate brightness based on actual needs.

## Constant Lighting Mode



Automatically operates at 50% brightness from dusk to dawn or until power is off

50% POWER



## Sensor Mode



Automatically operates at 30% brightness. When motion is detected, light increases to 100% until no motion is detected for 30 seconds, then returns to 30% brightness. Detection up to 50 feet

30% POWER

100% POWER

30% POWER



## Customized Working Mode



Automatically turns on at dusk and remains at up to 100% brightness for 4 hours, then it automatically turns to 30% brightness until dawn.

100% POWER FOR 4 HOURS

THEN TURNS ON 30% BRIGHTNESS DAWN

