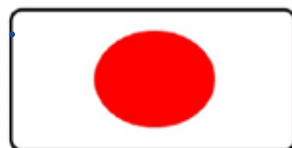


SOLAR FLOOD LIGHT



SH Serie



IZUMI LED
TECHNOLOGY OF JAPAN



Product Description

IZUMI LED The SH series is the latest generation of high-powered solar flood lights from HeiSolar. With up to 100% brighter output and an impressive 180lm/W efficacy, the SH series features true LiFePO4 battery technology and an all-black monocrystalline silicon solar panel, delivering continuous lighting performance from dusk till dawn. The remote control allows effortless setup of lighting modes, timer functions, and more to maximize performance. HeiSolar solar flood lights also come with a charging indicator light to monitor the charging status at all times.

Features

- 180lm/W efficacy
- LiFePO4 battery technology
- External solar panel with an all-black mono solar panel
- Adjustable modes via remote control
- Adjustable timer lighting functions
- Equipped with a charging indicator light

Compliance

IP rating: IP65

LED tests: LM79/LM80

Opciones de Instalación

- Diámetro de poste sugerido: 50-60 mm
- Angulo del soporte de montaje ajustable: 180 grados
- Admite montaje en poste y pared.
- Altura recomendada del poste: 2-3 metros

Warranty

3 Years warranty

LED lumen maintenance: L70> 50000hrs** (LED),
up to 2400 cycles 80% DOD (battery)



Technical Parameter

• Electrical

Specification	SH-50W	SH-100W	SH-200W	SH-300W	SH-400W	SH-500W
Power (Tunable)	50W	100W	200W	300W	400W	500W
Battery Capacity	3.2V/ 4AH	3.2V/ 8AH	3.2V/ 12AH	3.2V/15AH	3.2V/ 20AH	3.2V/ 24AH
Solar Panel	5V/ 6W	5V /8W	5V/ 12W	5V/ 15W	5V/ 20W	5V/ 25W

• Optical

Specification	SH-50W	SH-100W	SH-200W	SH-300W	SH-400W	SH-500W
LED Chip	SMD2835 30pcs	SMD2835 60pcs	SMD2835 160pcs	SMD2835 160pcs	SMD2835 250pcs	SMD2835 250pcs
Efficacy	180lm/W					
CCT (Tunable)	3000-8000K					
CRI	80+					
Beam Angle	80 x 150°					
Dimming	Yes, via remote					
Charge time	4-6hrs					

• Environmental

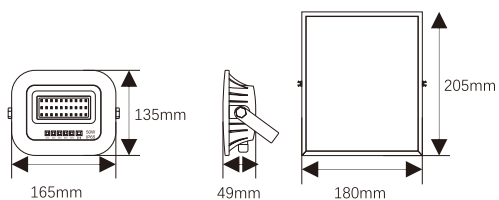
Specification	SH-50W	SH-100W	SH-200W	SH-300W	SH-400W	SH-500W
Temperature range	-10°C to 65°C					

• Mechanical

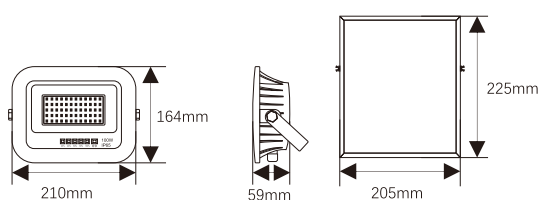
Specification	SH-50W	SH-100W	SH-200W	SH-300W	SH-400W	SH-500W
Material type	ABS body + glass					
Mounting method	45-64mm slip fit adjustable pole mount					
Accessories	Additional remote (X6)					
Kit includes	Solar light, instructions, remote control / solar panel and adjustable bracket					
Body colour	Black					
Cable length	3m*0.75mm ²					
Light module tilt	± 40°					

Product Dimensions

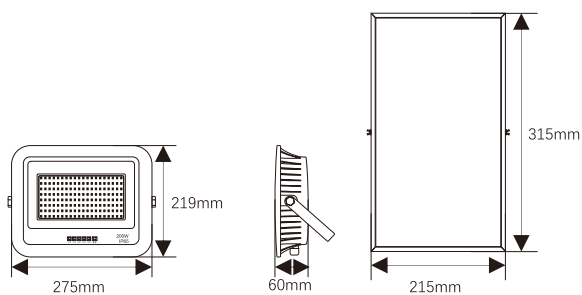
Size



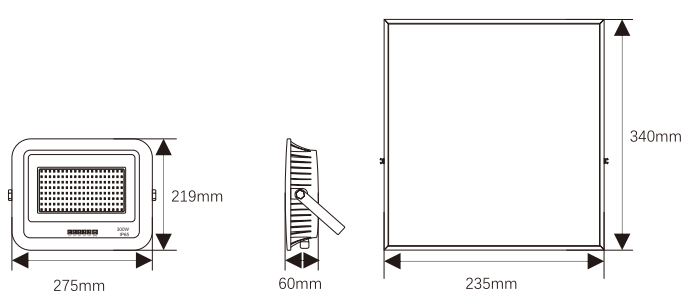
50W



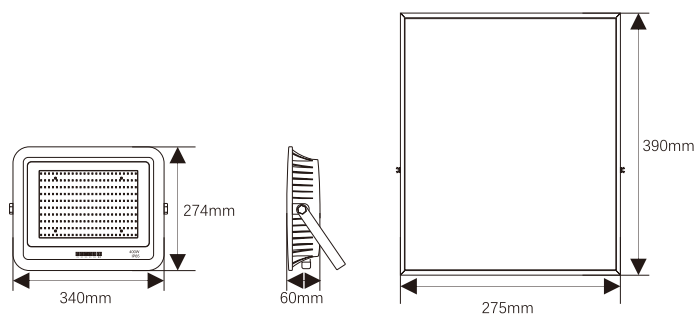
100W



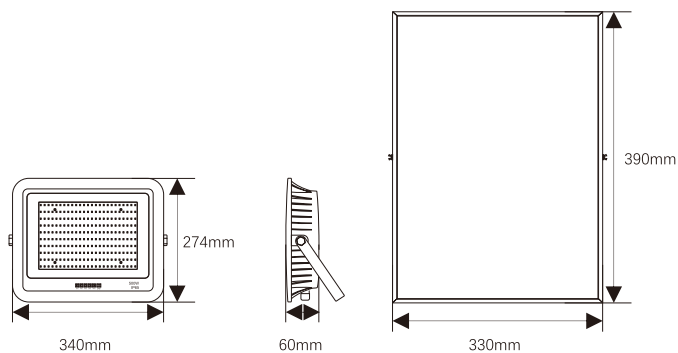
200W



300W

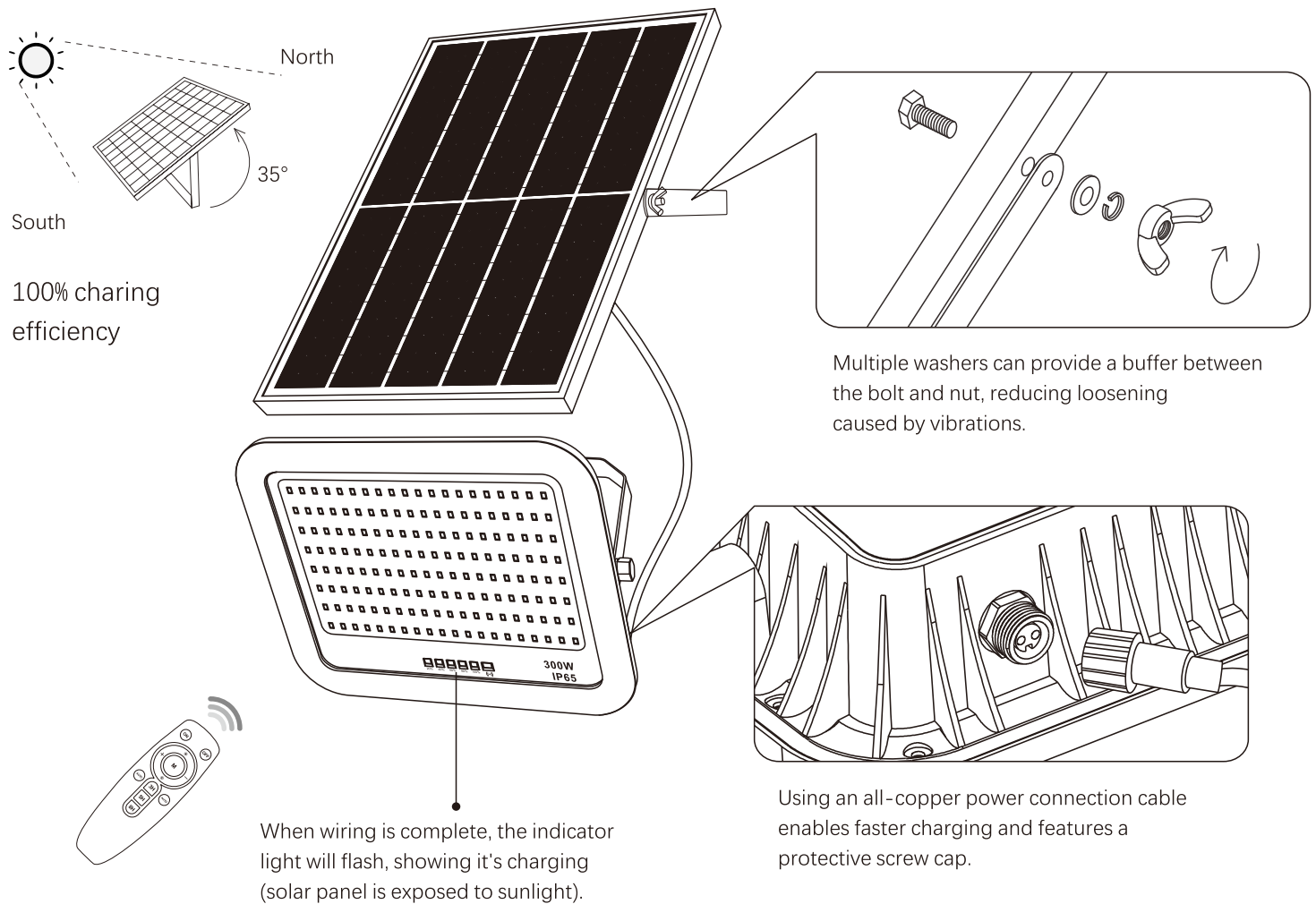


400W

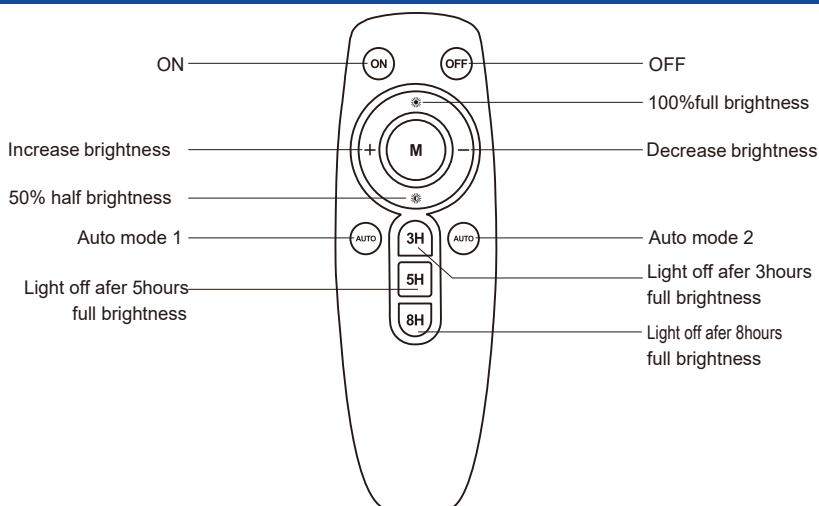


500W

Installation Guide



Installation Guide



Tips:

The lamps will be set with sleep mode, please press auto to exit sleep mode, and then connect the lamp with the solar panel will the lamps work well.

Remote Control Keys Description:

ON Key: turn on the light source, charge the light off, turn off the light at night

OFF Key: single press to turn off the light source, two quick presses to enter sleep mode, (light source blinks 3 times).

+ Key and **-** Key: brightness adjustment button with a total of 10 steps, each step of 10% brightness

The brightness can be adjusted by 10% of the brightness in each step.

(1 0 0 % , 9 0 % , 8 0 % , 7 0 % , 6 0 % , 5 0 % . 40%, 30%, 20%, 10%)

☀ Full and half brightness key: this key is the brightness adjustment key, 100% brightness for full brightness and 50% Brightness for half brightness. this key is the brightness adjustment key,

☀ 100% Brightness for full brightness, 50% brightness for half brightness.

M KEY: Press M key, and the light will flash twice to enter the radar mode.

there are 2 type radar modes

mode 1: The light will auto on 100% brightness during night when someone is detected, and it will last 20 seconds, after 20s, when no one pass, the light will reduce to 10% brightness until next time when somebody is detected.

Mode 2: The light will auto on 100% brightness during night when someone is detected, and it will last 60 seconds, after 60s,when no one pass, the light will off until next time when somebody is detected.

Press m to switch the radar mode, and you will need to press auto key to exit radar mode.

AUTO Button: Automatic mode button, press this button to enter the automatic mode.
The light is switched off when charging and on when it is dark.

3H Button: Timer button, the light source flashes 1 time to run the automatic mode The light source flashes once to run the timer function of the automatic mode, turning the light off after 3 hours of operation in the dark until the next dark continues the 3-hour command.

5H KEY: Timer button, the light source flashes 1 time to run the timer function of the automatic mode.
the light will turn off after 5 hours of darkness until the next darkness. The 5 hour command continues.

8H KEY: Timer button, the light source flashes once to run the the light will turn off after 8 hours of darkness until the next darkness. The 8 hour command continues.