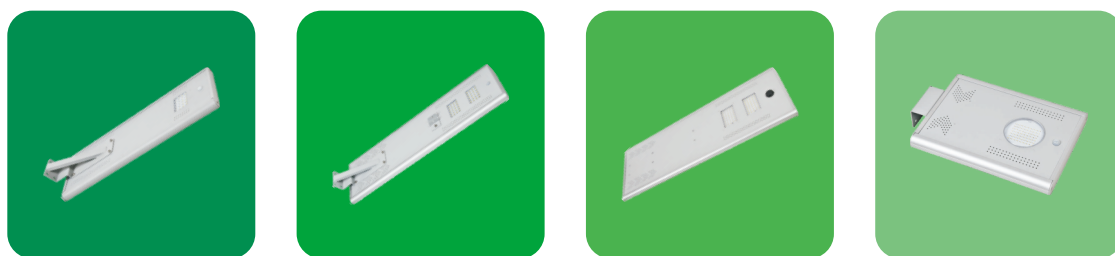


**SUIMING**



# LED SOLAR LIGHT SERIES

Product Catalogue

## SM-S048



Microwave Sensor

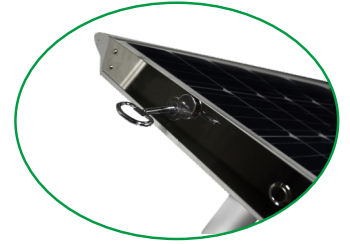
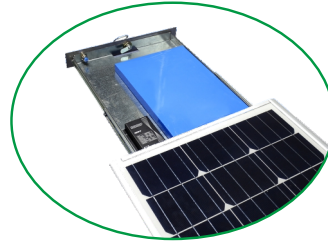
Infrared Human Sensor



### AUTOMATIC LIGHT CONTROL+TIME CONTROL+INFRARED HUMAN SENSOR / MICROWAVE SENSOR

Model:	SM-S048/10W, 15W, 20W, 30W, 40W, 50W, 60W, 80W, 100W
Material:	aluminium
Condition Temperature:	-20-50°C
LED Qty:	30/48, 50/64, 96, 100/128, 90/144, 150/192, 200/256, 250/320pcs -- Bridgelux/CREE 3030
Work Humidity:	> 95%
Power:	10W, 15W, 20W, 30W, 40W, 50W, 60W, 80W, 100W
CRI:	Ra>80
Input Voltage:	DC12V
Controller efficiency:	≥0.90
Controller:	20W, 40W, 60W
Lens angle:	70°*140°
Batteries:	6-9AH, 10-11AH, 12-15AH, 18-22AH, 20-28AH, 30-33AH, 33-39AH, 40AH, 52AH
Work time:	0-12H
Solar Panel:	17WP, 26WP, 35WP, 45WP, 60WP, 70WP, 80WP, 108WP, 120WP
Waterproof:	Ip65
Short Current:	< 5mA
NW:	5.0KG, 7.5KG, 9.6KG, 13.6KG, 14.3KG, 15.8KG, 16.2KG, 19.9KG, 22KG
GW:	6.5KG, 9.0KG, 11.6KG, 15.6KG, 16.3KG, 17.8KG, 18.5KG, 22.5KG, 24.5KG
Lighting effect:	150LM/W
Size.:	438*300*43mm, 688*300*43mm, 828*300*43mm, 1078*359*43mm, 1078*426*43mm, 1306*426*43mm, 1468*426*43mm, 1478*562*43mm
Rainy days:	2-3days, 3-5days
Charging time:	8-10hrs
Height of installation:	3-4M, 4-5M, 5-6M, 6-7M, 7-8M, 8-9M
Install distance:	10-12M, 18-20M, 20-25M, 25-30M, 30-35M
Light pole diameter:	76-105mm

## SM-S015



### AUTOMATIC LIGHT CONTROL+TIME CONTROL+INFRARED HUMAN SENSOR

<b>Model:</b>	SM-S015/10W, 15W, 20W, 40W, 60W, 80W, 100W
<b>Material:</b>	aluminium
<b>Condition Temperature:</b>	-20-50°C
<b>LED Qty:</b>	50, 96, 100, 144pcs -- Bridgelux/CREE 3030
<b>Work Humidity:</b>	> 95%
<b>Power:</b>	10W, 15W, 20W, 40W, 60W, 80W, 100W
<b>CRI:</b>	Ra>80
<b>Input Voltage:</b>	DC12V
<b>Controller efficiency:</b>	≥0.90
<b>Controller:</b>	20W, 60W
<b>Lens angle:</b>	70°*140°
<b>Batteries:</b>	8AH, 10-11AH, 18-22AH, 24-28AH, 30-33AH, 52AH
<b>Work time:</b>	0-12H
<b>Solar Panel:</b>	17WP, 26WP, 40WP, 52WP, 95WP, 120WP, 150WP
<b>Waterproof:</b>	Ip65
<b>Short Current:</b>	< 5mA
<b>NW:</b>	6.5KG, 7.5KG, 13.6KG, 14.3KG, 15.8KG, 16.2KG
<b>GW:</b>	8KG, 9.0KG, 15.6KG, 16.3KG, 17.8KG, 18.5KG
<b>Lighting effect:</b>	150LM/W
<b>Size.:</b>	418*315*70mm, 688*315*70mm, 828*443*70mm, 1162*553*70mm, 1308*553*70mm, 1478*553*70mm
<b>Rainy days:</b>	2-3days, 3-5days
<b>Charging time:</b>	8-10hrs
<b>Height of installation:</b>	3-4M, 4-5M, 5-6M, 6-7M
<b>Install distance:</b>	10-12M, 18-20M, 20-25M, 25-30M
<b>Light pole diameter:</b>	< 60mm, < 78mm

## SM-S018



### AUTOMATIC LIGHT CONTROL+TIME CONTROL+INFRARED HUMAN SENSOR

<b>Model:</b>	SM-S018/40W, 60W, 120W, 180W
<b>Material:</b>	aluminium
<b>Condition Temperature:</b>	-20-50°C
<b>LED Qty:</b>	40, 60, 120, 180pcs -- Bridgelux/CREE 3030
<b>Work Humidity:</b>	> 95%
<b>Power:</b>	40W, 60W, 120W, 180W
<b>CRI:</b>	Ra>80
<b>Input Voltage:</b>	DC12V
<b>Controller efficiency:</b>	≥0.90
<b>Controller:</b>	40W
<b>Lens angle:</b>	70°*140°
<b>Batteries:</b>	10AH, 15AH, 28AH, 30AH
<b>Work time:</b>	0-12H
<b>Solar Panel:</b>	25WP, 35WP, 45WP, 70WP
<b>Waterproof:</b>	Ip65
<b>Short Current:</b>	< 5mA
<b>Lighting effect:</b>	150LM/W
<b>Size.:</b>	549*294*67.5mm, 659*376*63.5mm, 789*376*63.5mm, 1000*430*83.5mm
<b>Rainy days:</b>	2-3days
<b>Charging time:</b>	8-10hrs
<b>Height of installation:</b>	3-4M, 4-5M
<b>Install distance:</b>	10-12M, 18-20M
<b>Light pole diameter:</b>	/

**SM-S002**



**AUTOMATIC LIGHT CONTROL+TIME CONTROL+INFRARED HUMAN SENSOR**

<b>Model:</b>	SM-S002/20W、40W、60W
<b>Material:</b>	ABS
<b>Condition Temperature:</b>	-20-50°C
<b>LED Qty:</b>	20、40、60pcs --3V1W 2835
<b>Work Humidity:</b>	> 95%
<b>Power:</b>	20W、40W、60W
<b>CRI:</b>	Ra>80
<b>Controller efficiency:</b>	≥0.90
<b>Controller:</b>	/
<b>Lens angle:</b>	70*140°
<b>Batteries:</b>	LiFePO4 3.2V/8000mA、LiFePO4 3.2V/10000mA、LiFePO4 3.2V/15000mA
<b>Work time:</b>	0-12H
<b>Solar Panel:</b>	7W/6V、9W/6V、13W/6V
<b>Waterproof:</b>	Ip65
<b>Short Current:</b>	< 5mA
<b>NW:</b>	/
<b>GW:</b>	/
<b>Lighting effect:</b>	/
<b>Charging time:</b>	4-6hrs
<b>Height of installation:</b>	/
<b>Install distance:</b>	/
<b>Light pole diameter:</b>	< 45mm

## SM-SD50



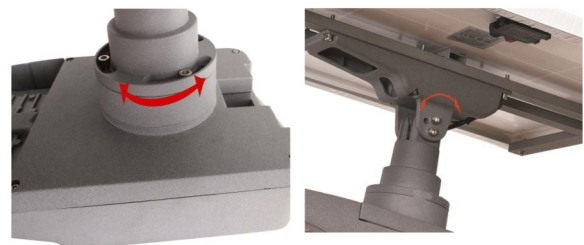
### Features:

1. The whole lamp adopts high-end aluminum alloy (die-cast aluminum), patented product.
2. The direction and angle of the solar panel can be adjusted, which is more flexible and more efficient than traditional integration.
3. The working mode adopts intelligent human body induction design, with long sensing distance.
4. Beam angle: 140 degrees, rectangular spot design
5. Easy to install, easy to maintain design, only need three minutes to disassemble, with automatic switching function
6. With remote controller, the remote controller adopts drone technology, can be worn through the wall, and the remote control distance is within 20 meters. Four working modes can meet what your needs.

#### Installation Instruction:



#### How to adjust the direction and angle of the solar panel:



**Model:** SD50

**Lumen:** 7500-7800LM

**Color Temperature:** 6000K ~6500K(Customize)

**Lithium Battery:** 384WH 6.4V 60AH (Lipo4)

**High efficiency solar panels:** 9V 100W High efficiency solar panels

**Advised Installation pole Diameter:** 60-65mm

**Advised Installation pole Height:** 8~10M (Advised Installation distance 10-20m)

**Charging Time:** 5-6 5-6 hours in sunny weather

**Material:** die-casting aluminium ADC12

**Size:** 610\*230\*130mm

**The quantity of led chips:** 50pcs

**With body induction or not:** Yes(Microwave Induction)

**With the remote controller or not:** Yes(one remote controller for 200pcs lights )

**Protection Grade:** IP65

**Working Temperature:** -25°C to 65°C

**Certification:** CE、ROHS

**Warranty:** 3 years





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