



**Solar Street Light**



**Solar Garden Light**



**Solar Integrated Light**

**Solar Flood Light**

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## Product Description

**Advantage:** Integrates the green-energy parts solar panel, LED lamp and the LifePO4 battery into a single product,with Intelligent Sensor System to gain the solution of energy saving long life, high-luminance and free maintenance.

**Purpose:** To be installed in the garden, residential area, courtyard, road, mine area or parking area to provide the lighting in necessary area, the battery provide the energy for lighting and the solar panel charge for the battery.

**Product Parts:** Solar Panel, Li-Fe Battery, LED, MPPT Controller and Intelligent Sensor System, can be installed on the pole or wall.

**Work Principle:** Solar panel converts sunlight into electricity and stored in LifePO4 battery via controller, the LED light will work in night automatically by light sensor control and provide light for the darkness area. The Intelligent Sensor System can save the energy when the light is not necessary.



Product Display



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## Technical Parameter

Street Light	Power	PV Panel	Battery	Working	Charging
MUL-0115-1	15W	6V/15W	3.2V/18000mAh	8+1h	3-6h
MUL-0124-1	24W	6V/20W	3.2V/20000mAh	8+1h	3-6h
MUL-0136-1	36W	6V/30W	3.2V/24000mAh	8+1h	3-6h

Street Light	Power	PV Panel	Battery	Working	Charging
MUL-1160-24	24W	10V/35W	7.4V/23400mAh	8+1h	3-6h
MUL-1160-36	36W	10V/45W	7.4V/39000mAh	8+1h	3-6h
MUL-1160-54	54W	10V/55W	7.4V/62400mAh	8+1h	3-6h

Garden Light	Power	PV Panel	Battery	Working	Charging
MUL-ZL001	6W	6V/6W	3.2V/5000mAh	2-3 Rainy	3-5h
MUL-ZL002	9W	6V/8W	3.2V/6000mAh	2-3 Rainy	3-5h
MUL-ZL003	12W	6V/10W	3.2V/10000mAh	2-3 Rainy	3-5h
MUL-ZL004	15W	6V/12W	3.2V/12000mAh	2-3 Rainy	3-5h

Integrated Light	Power	PV Panel	Battery	Working	Charging
MUL-LD001	20W	6V/10W	3.2V/5000mAh	2-3 Rainy	4-5h
MUL-LD002	40W	6V/12W	3.2V/10000mAh	2-3 Rainy	5-6h
MUL-LD003	60W	6V/15W	3.2V/12000mAh	2-3 Rainy	5-6h

Flood Light	Power	PV Panel	Battery	Working	Charging
MUL-ZQ001	10W	6V/6W	3.2V/5000mAh	12+1h	3-5h
MUL-ZQ002	20W	6V/8W	3.2V/6000mAh	12+1h	3-5h
MUL-ZQ003	30W	6V/10W	3.2V/10000mAh	12+1h	3-5h
MUL-ZQ004	50W	6V/12W	3.2V/12000mAh	12+1h	4-6h
MUL-ZQ005	100W	6V/20W	3.2V/24000mAh	12+1h	4-7h
MUL-ZQ006	200W	6V/40W	3.2V/36000mAh	12+1h	4-7h

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## Manual

- Solar Light can not work in none sunshine area. Please select the suitable product model according to your local sunshine radiation and the annual total radiation.
- Solar Light adopts the long life Lithium battery for storing power. The charging temperature at day is between 0°C ~ +60°C, when temperature lower than 0°C, the control system will stop automatically to protect the battery, and it will revive to charge the battery while temperature higher than 0°C. Discharging temperature at night is between: -30°C ~ +70°C, any ambient beyond will bring damage to the battery. Please confirm your local extreme temperature that is suitable for above while selecting the street light.
- Solar Light Battery can last for 6 months after full charged without discharge. to prevent damage, please examine and charge it periodically after long time transportation .
- While installed in Northern Hemisphere, please make sure the surface of the solar panel facing the South to collect maximum sunshine radiation, While installed in Southern Hemisphere, please make sure the surface of the solar panel facing the North to collect maximum sunshine radiation. At the same time please keep it away from any shadow of house and trees.
- Keep cleaning the surface of Solar Light with normal detergent to get maximum power generation, also the dust or tree leaves or any grease.

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## Operation Instructions

Remote Control Only for Solar Garden Light and Solar Flood Light.



## Install Instructions



Please notice to install the light to the place without any shade and better face to south to get good sunlight for charging. We suggest to install 10M distance between each light.

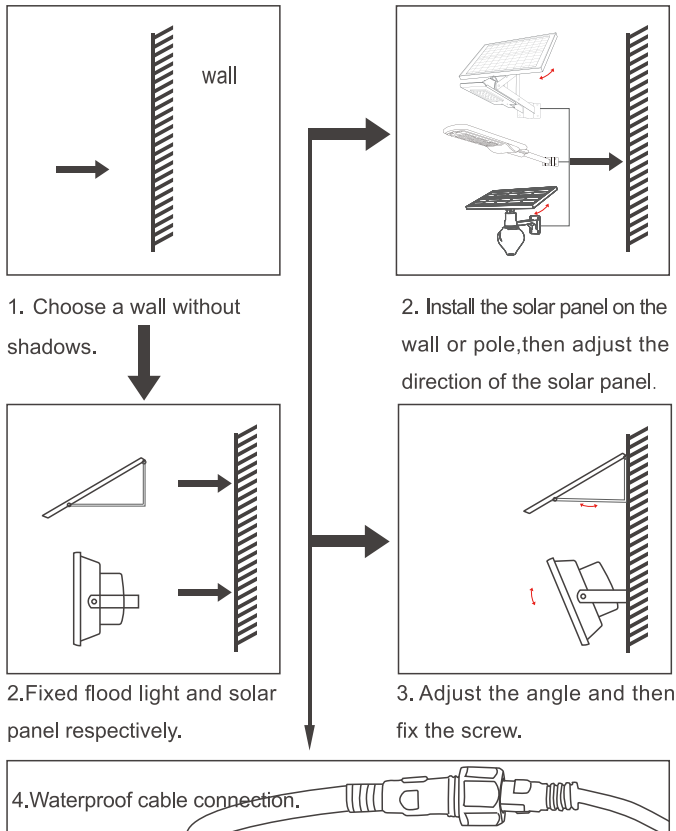
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## Installation Diagram



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## Warranty

Dealer Information	Model No.	
	Model Name	
	EX Factory Date	
	Dealer Name	
	Telephone	
	Purchase Date	
Customer Information	Purchase Address	
	Customer Name	
	Telephone	
	Address	
Comments & Suggestion		

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