

2024 New Solar Wall Washer Light

Specification

Model: XC-060/XC-120



RoHS CE FC  

Description

This solar wall washing light is mainly suitable for external wall lighting of individual buildings and historical building clusters; Internal and external lighting of the building, as well as local outdoor lighting; Green landscape lighting and billboard lighting; Lighting for specialized facilities such as medical and cultural facilities; Atmosphere lighting in entertainment venues such as bars and dance halls.

Features



- 1. Using solar energy for charging, green and environmentally friendly, without the need for additional electricity bills.
- 2. Easy installation, Solar powered, no wiring required.
- 3. Fully automatic intelligent light control, time control, remote control function, MPPT charging during the day, automatic lighting at night.

Product Parameter

Modle	XC-060	Modle	XC-120
Nominal power luminous flux	18W /2150LM	Nominal power luminous flux	36W/4300LM
Product size	590*200*50mm	Product size	1155*200*50mm
LED lifespan	>50,000 HRS	LED lifespan	>50,000 HRS
LED Chips	Philips SMD3030 18pcs 120lm/w	LED Chips	Philips SMD3030 18pcs 120lm/w
Working mode	Three time control modes for cloudy and rainy days: 1H 100%/3H 70% /4H 50%/4H 30%	Working mode	Three time control modes for cloudy and rainy days: 1H 100%/3H 70% /4H 50%/4H 30%
Color temperature	3000K-3500k; 4000K-4500k; 6000k-6500	Color temperature	3000K-3500k; 4000K-4500k; 6000k-6500
Material	Aluminum	Material	Aluminum
Charging time	Five hours of effective sunshine	Charging time	Five hours of effective sunshine
Beam angle (optional)	10°/15°/30°/45°/90°	Beam angle (optional)	10°/15°/30°/45°/90°
Protection level	IP65	Protection level	IP65
Installation height	>8 inches	Installation height	>8 inches
Guarantee	3 Years	Guarantee	3 Years
Packaging size	72*29*9.5cm	Packaging size	128*29*9.5cm
Battery operating temperature	Charging operation: 0 °C-60 °C Discharge operation: -20 °C-60 °C	Battery operating temperature	Charging operation: 0 °C-60 °C Discharge operation: -20 °C-60 °C
Working Temperature	-20°C-60°C	Working Temperature	-20°C-60°C

XC-060 Solar Panel & Battery Parameter

Solar Panel XC-060

Modle	5V 22W (monocrystalline silicon)	Diameter	590×200×4mm
Maximum hail impact	25mm/23m/s	Lifetime	30000H
Battery conversion efficiency (%)	Monocrystalline silicon 182mm ≥ 23%	Product certification	TUV,CE,CCIC

Battery XC-060

Capacity	3.2V/20Ah	Type	lithium iron phosphate	
Cycle life	2000 hours	0.5C charging and 0.5C discharging at room temperature, remaining capacity 80%		
Test unaer	≤ 15m Ω	Test unaer 1KH under AC 1KH conditions		
BMS	Charging mode	Constant current/constant voltage		
	Standard current	15A		
	Charging voltage	3.65V±0.05V		
	Maximum instantaneous current	40A	< 500ms	
	Discharge cut-off voltage	2.5±0.05V		

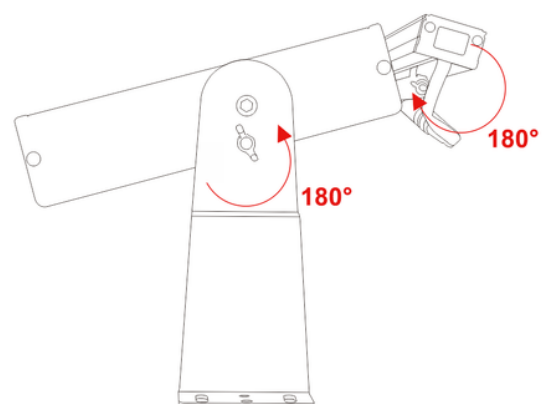
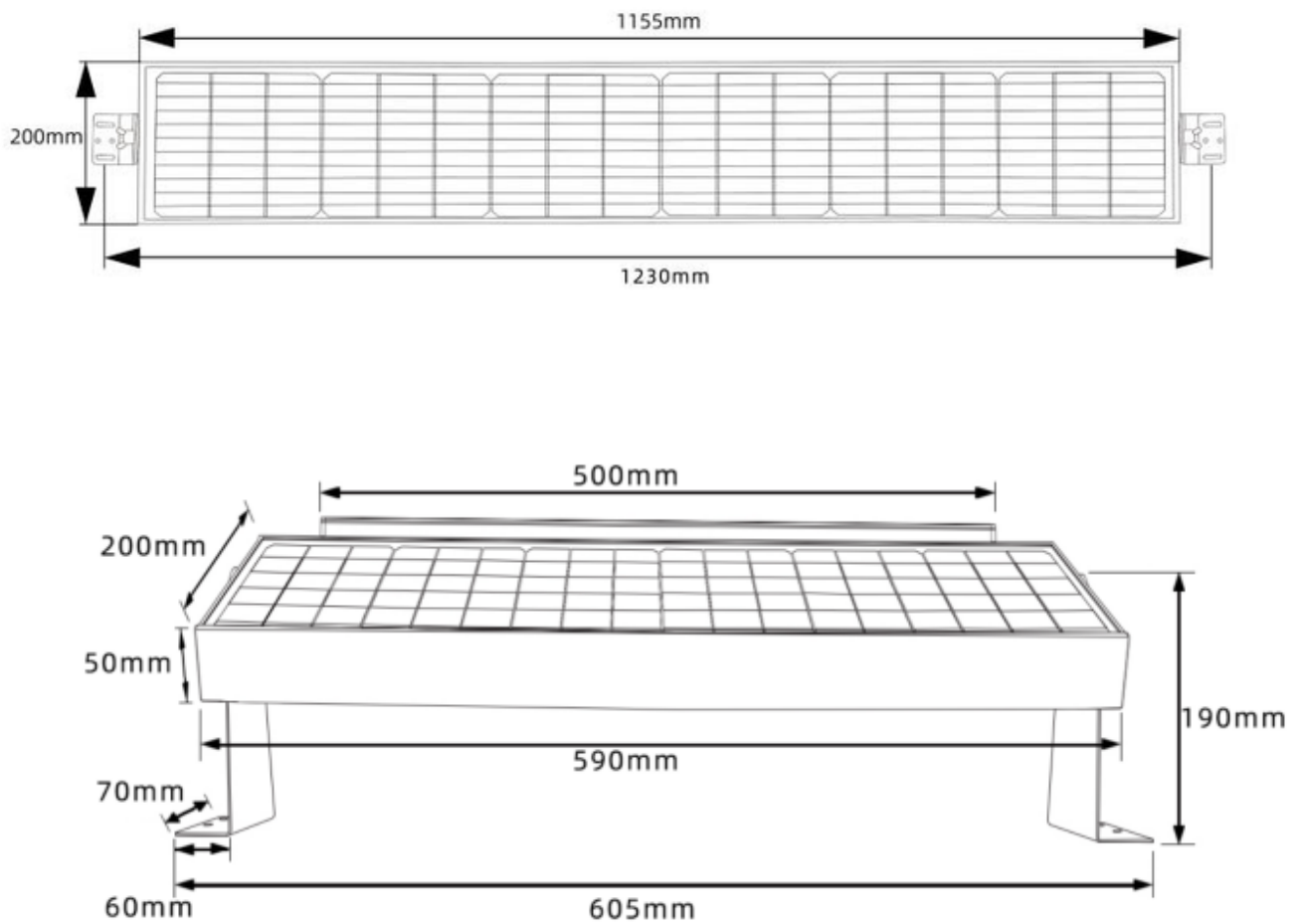
XC-120 Solar Panel & Battery Parameter

Solar Panel XC-120

Modle	5V 40W (monocrystalline silicon)	Diameter	1155*200*1mm
Maximum hail impact	25mm/23m/s	Lifetime	30000H
Battery conversion efficiency (%)	Monocrystalline silicon 182mm ≥ 23%	Product certification	TUV,CE,CCIC

Battery XC-120

Capacity	3.2V/50Ah	Type	lithium iron phosphate	
Cycle life	2000 hours	0.5C charging and 0.5C discharging at room temperature, remaining capacity 80%		
Test unaer	≤ 5m Ω	Test unaer 1KH under AC 1KH conditions		
BMS	Charging mode	Constant current/constant voltage		
	Standard current	15A		
	Charging voltage	3.65V±0.05V		
	Maximum instantaneous current	40A	<500ms	
	Discharge cut-off voltage	2.5±0.05V		

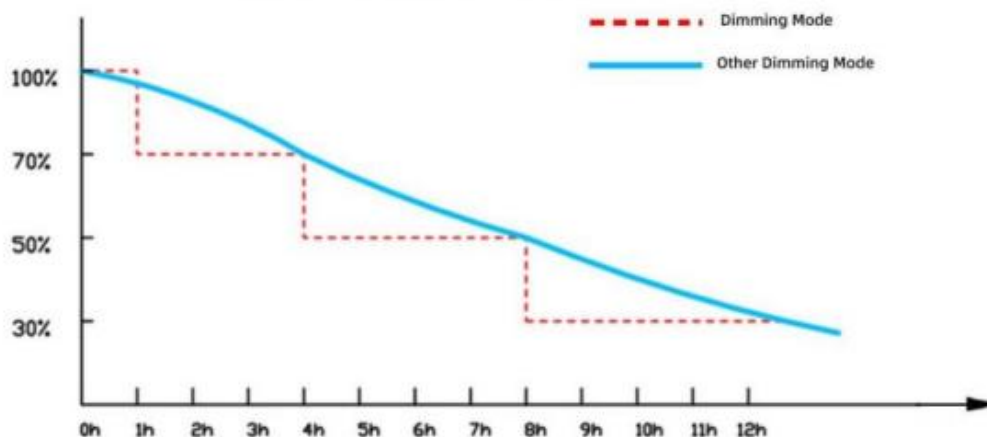


Both the bracket and light source
can be adjusted to 180 °

Working Mode

SMART LIGHTING MODE

Automatic Time Control Mode



Installation instructions for brackets (Two ways)

1. Drill installation holes and place wall anchors
2. Fix the two brackets on both sides of the fixture and stick them to the wall
3. Tighten the screws
4. Turn on the switch

