

# 100W Integrated solar street light

## Brief Description:

1. Material: Aluminum + Steel glass
2. Solar Panel: 18V 120W(Sunpower) High efficiency monocrystalline solar cell
3. LED Brand: Bridgelux 120W 11000- 12000LM
4. Battery: lithium battery 12V 60AH
5. Mounting Height: 10- 11m
6. Discharge Time: adjustable wet weather 3 to 5 days
7. Working Temperature: - 30°C ~+60°C
8. Charge Time: 7 Hours with good sunshine
9. Lighting mode: 100% bright lighting infrared motion sensor + 60% lighting before midnight and 30% lighting till dawn (energy saving mode to prolong backup rainy days)

## Packing Details:

1. Product size : 1270\*540\*150mm
2. Weight(N.W) : 30KG
3. Carton size : 1300\*670\*220mm
4. Packaging volume: 0.2
5. Weight(G.W) : 31KG

## The main parameters of the product:

Nominal Wattage(W)	100W	Beam Angle	120
LED Brand	CREE SMD3030	Power Efficiency(LW/W)	110
LED QTY(Pcs)	COB*2	CCT	3000K~6000K
System Efficacy(LW/W)	140	Nominal Lamp Life(h)	50000
Luminous Flux(LM)	11000~12000LM	Power Factor	>0.95
CRI	80/90	IP	IP65
Junction Temperature	70	Frequency(Hz)	/
Output Current(Constant)(A)	/	Storage Temperature	-40°C~+70°C
Output Voltage(V)	DC 12V	Operating Temperature	-30°C~+60°C
Output Voltage(V)	DC 18V	Operating Humidity	15~90%RH

