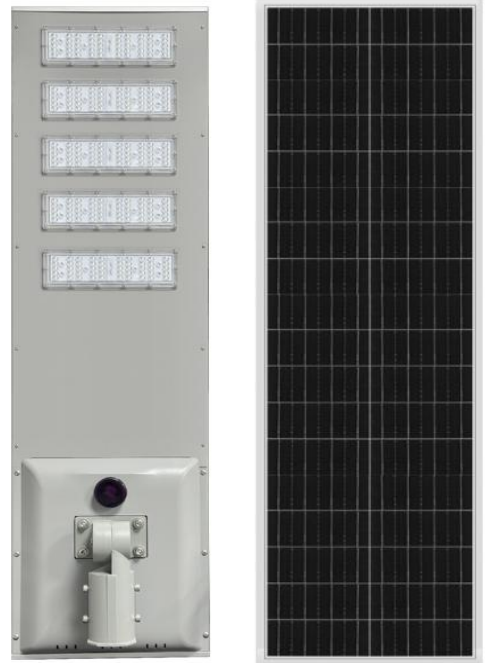




**ALL IN ONE SOLAR STREET LIGHT**

**Ref No: GR-SSL-120B**

This integrated solar street light is high quality solution, with LifePO4 12.8V battery, 18V Mono solar panel, adjustable 90° joint which can be installation on the top of pole, or install into pole with arm. The duration time is 3-5 raining days. Available a remote controller. Widely used for governments projects. Working model: Light with sensor, dusk to dawn. During night time, the light will be 100% brightness when there is any movement, but it will be only 30% brightness when there is no any movement.



**Complete Product Data**

Order Number	GR-SSL-120B
LED wattage	60W
Install Dia	D60-65mm
Dimension(mm)	L1318*W345*H160MM
Adjustable joint	Yes
IP Grade	IP65
Beam angle	80*140°
Duration	3-5 raining days
Working temperature	-25°C ~ +60°C
Lumens	10000-12000lm
Warranty	3Years
Install height	7-10meter
GW	14.5KG/PCS/CTN
Package Size	1450*400*130MM

**Solar Panel**

Solar panel Type	Monocrystalline silicon solar panel
Capacity	18V 80W
Efficiency	>20%
Waterproof	IP65
Lifespan	>25years
Warranty	15years

## Sensor & Controller

Type	Motion sensor.
Sensor distance	10-12meter
Photocell sensor	included ( dusk to dawn automatically)
Photocell sensor	PWM or MPPT
Max current	10-20A
Max voltage	12-36V

## Battery

Level	Grade A
Protection board	Included
Battery type	LifePO4
System voltage	12.8V
Capacity	30Ah
Lifetime	>2000 times recycle
Charge time	6 hours by strong sunlight

## Photometric Data

LED chip brand	PHILIPS
Chip type	SMD 2835/3030 250pcs*1W
Color temperature	3000-3200K/4000-4500K/ 5700-6000K
CRI	>Ra70
Life time	>50000Hrs
Lumens	200lm/W
SDCM	<5
Lumens maintenance	99.9%@1000hrs/ 99%@3000hrs /98%@10000hrs. (LM80)

## Lighting Distribution

