

Solar LED light

Application

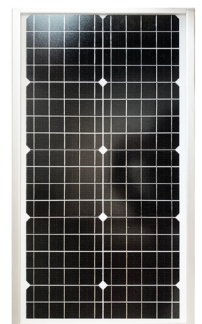
- Country and local roads
- Factory roads
- Park roads
- Car park roads
- Residential roads
- Villas and gardens

Competitive advantages

- Solar LED light powered by solar panel and battery
- Brand of LED chip: Philips
- Luminous efficiency for LED chip: 190 lm/W
- Safety of solar battery: Grade A Lithium iron phosphate
- Lifespan of solar battery: ≥ 1000 cycle
- Solar controller: Intelligent management battery electricity

General performance

- Solar panel: Mono-crystalline silicon
- PIR sensor
- Dimming: PIR intelligent control
- Beam angle: 160°, 60°
- IP protection: IP65



Warranty and Certificates



Technical parameters

SEL 902 14W

Power	14 W
Brand of led chip	Philips
Luminous efficiency for led chip	190 lm/W
Total luminous flux	2650 ± 5% lm
Luminous efficiency for luminaire	150 lm/W
Beam angle	150° × 60°
Correlated color temperature	4000 / 5700 K
Color rendering index	75 Ra
Life span of led chip	100000 hrs
Type of solar battery	Lithium ion battery
Capacity of battery	12 V 33 Ah
Lifespan of battery	≥1000 cycle
Charging time	6 hrs
PIR sensor	Yes
Dimming of brightness of luminaire	30% (PIR not activated) / 100% (PIR activated)
Monocrystalline silicon solar panel	18 V 40 Wp
HD camera	/
Material of shell	Aluminum alloy
Material of cover for led	PC
Working time per day	12 hrs
Average effective sunshine time	3.5 hrs/day
Continuous rainy days	4 days
Working temperature	-10°C ~ +55°C
IP protection	IP65
Dimensions	660 × 377 × 45 mm
Weight	13.5 kg
Installation	ø60 mm
Recommended mounting height	3 - 5 m

Note: Other powers can be customized. The parameters in this table are the standard products of our company; the actual parameters will be changed according to customer's requirements.