

Detailed Spec of Solar Nighthawk Light



Patent product **CE** **RoHS** **FC** **CCC** IP65

Advantage:

- Wireless application-Integrated solar panel, LED, lithium battery, micro-controller and other accessories into one system, simple and stylish.
- Micro-computer controlled-Combine motion sensor system, light control system and time control system perfectly, ensure whole system more energy-efficient.
- Easy installation-No power required, no cables required, easy installation in 5 minutes.
- Solar panel angle adjustable-Adjustable in vertical and horizontal direction, ensure maximum efficiency of solar energy conversion.
- Good heat dissipation-Solar panel, battery and light body do not connect directly, they will not conduct heat to each other, to support good heat dissipation and long lifetime.
- Extreme light-Light efficiency reach 160lm/w, at same illumination, lower watt available.
- Lithium battery-Adopt lithium battery to replace traditional gel battery, longer lifetime.
- Modular design-All components are modular design and in standardized production. Battery can be easily replaced if needed.
- Low cost-Compared with traditional solar led lights, much lower cost, easy to transport.

Feature:

- Beautiful and modern appearance, simple and fashionable.
- Use of solar green energy, environment friendly, saving more.
- Low voltage driving, meet the Europe standard of CE RoHS FCC.
- No Hg, Pb or other hazardous materials, no radiation, human safety.
- IP65 grade, TVS lightning protection.
- Long lifetime of whole lamp, low maintenance costs.

Details:

Monocrystalline



- 18% photoelectric conversion efficiency
- Tempered glass cover
- 20-25 years lifetime

High lumen led chip



- 45mil led chip, 160lm/w
- ≥ 50000 hrs lifetime
- ≥ 75 Ra CRI

Socreat Smart Controller



- Socreat unique design
- Combine motion sensor, light control, time control perfectly, ensure whole system more energy efficient .
- Smart control, saving more and system works stably

Lithium ironphosphate battery



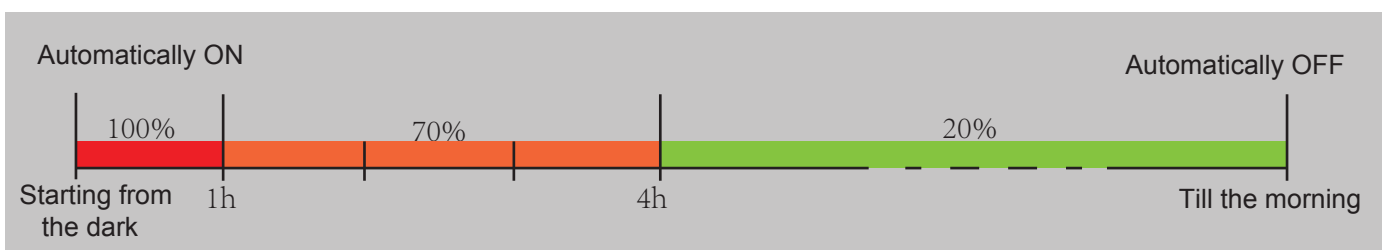
- High capacity
- No pollution and stable
- Long lifetime, ≥ 5000 times charge & discharge
- High temperature resistance

High quality body



- Socreat patent design
- Aluminum alloy, solid and firm
- Zinc plated, anti-rust corrosion
- Variety of installation methods

Working mode



Applications:

Widely used in Rural road, Courtyard, Villa, Park, Square, Farm, School, Factory, Slow lane etc...the places where need outdoor lighting and with enough sunshine.



Luminous intensity distribution curves:

