

## LED flood light



### Product Parameters

LED chip power: 200W

9400lm@4000K

Color Temp: 4000K

Lumen: 9000lm@30W

Light Fixture material: Aluminum+PC

Lamp Sizes: 430\*400\*58mm

Warranty: 3 Years

## OFF-GRID SOLAR SYSTEM FOR 50W FLOOD LIGHT

**Product Code: CI-P250150**

*PV pole-mounted system with LiFePO4 energy storage system for supporting a 50W Device, From Dusk to Dawn, on 2-3 Cloudy and rainy days.*



| Item No.    | Item Description            | Item Details  |
|-------------|-----------------------------|---|
| <b>1.1</b>  | <b>Solar Panel:</b>         | Monocrystalline silicon, Power: 250Wp.<br>2x (780* 760 *30mm), Waterproof: IP65.  |
| <b>1.2</b>  | <b>Battery:</b>             | LiFePO4, Capacity: 150AH/12.8V (1920WH)<br>Charging time is 8-10 hours.   |
| <b>1.3</b>  | <b>Controller:</b>          | Output voltage: 24V   Discharge voltage: 14.8V ~ 11.2V   Charge/discharge protection current: 20A   Short circuit protection current: 15A   Overcharge protection voltage: 14.8V   Anti-over-discharge protection voltage: 11.2V   Anti-short circuit   BMS   MPPT Mode.                                      |
| <b>1.4</b>  | <b>Work mode:</b>           | Blue lamp Blinking: Charging   Steady On: The charging is complete   Off: No photovoltaic input is available.<br>Green light Blinking: Overload or short circuit   Steady on: The output is normal   Off: The system is powered off or faulty.<br>Red light Blinking: Low battery   Off: Normal power supply. |
| <b>1.5</b>  | <b>Working temperature:</b> | -10°C - + 60°C.   |
| <b>1.6</b>  | <b>Max Output loads:</b>    | 24VDC/2.5A, 60W.  |
| <b>1.7</b>  | <b>Power Cable:</b>         | 60 cm.  |
| <b>1.8</b>  | <b>Connector:</b>           | DC 24V 5.5*2.1 mm.  |
| <b>1.9</b>  | <b>Communication</b>        | RS485.  |
| <b>1.10</b> | <b>Packing box size:</b>    | 1145 * 195* 850mm.  |
| <b>1.11</b> | <b>Gross weight:</b>        | 38KG.   |
| <b>1.12</b> | <b>Warranty</b>             | 5 Years.  |