

# LED flood light



## Product Parameters

LED chip power: 200W

90° beam angle

Color Temp: 5000K

Lumen: 2000lm@20W

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