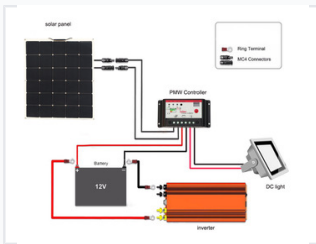


Photovoltaic Solar Panel

This photovoltaic module converts sunlight into electricity. It is constructed with durable materials for long-lasting performance and weather resistance.



ADDITIONAL IMAGES



System Overview

10kW Solar Power Solution

This 10kW solar power system is designed for high-efficiency energy harvesting, suitable for residential, commercial, or industrial applications. It includes high-performance PV modules capable of delivering 310W to 375W per panel, paired with a robust MPPT or PWM solar charge controller and a reliable inverter. The system is engineered for versatility with custom mounting options for roofs or ground installations.

System Components

System Bill of Materials

Component	Description	Quantity
PV Module	Poly 310w/375w solar panel	8 pcs
Solar Charge Controller	48V 50A (MPPT or PWM)	1 pcs
Off Grid Inverter	48V DC/220V AC 50/60HZ	1 pcs
DC Connected Box	Air switch, over-voltage protection	1 pcs
PV Cable	Single-core PV Cable 4mm ²	100 m
System Installation	Customized Aluminium Alloy	1 set

Technical Specifications

Total System Rating

10 kW

Rated Power

Inverter Output	220V AC 50/60HZ
Mounting Versatility	Flat Roof, Pitched Roof, Ground Mount