



**NERUM ENERGY**  
THE POWER YOU NEED



**RENEWABLE ENERGY BROCHURE**



# WHY SOLAR POWER?

Solar energy is a good alternative to replace fossil fuel as the major energy source because solar power is renewable at absolutely no cost to supply energy infinitely.

That is why **NERUM** ENERGY provides solutions and equipment for your renewable energy projects.

# RENEWABLE ENERGY



## Polycrystalline Solar Panels

We offer F-series design mud pumps in horsepower ratings of 2,000hp, 1,600hp, Solar panel is a set of solar photovoltaic modules electrically connected and mounted on a supporting structure. A photovoltaic module is a packaged, connected assembly of solar cells. The solar panel can be used as a component of a larger photovoltaic system to generate and supply electricity in commercial and residential applications. Each module is rated by its DC output power under standard test conditions (STC), and typically ranges from 100 to 320 watts.



## Monocrystalline Solar Panels

12v 120w Solar Panel. Ideally suited panel for your motorhome or large caravan. This 12v solar panel is powerful enough to keep your battery charged over long periods away without starting the generator or plugging in to an external source. Comes with MC4 connectors so they are easily added to a string and protected from the wet weather. MCS certified, fully weather proof and professionally made with high quality components.

Our high quality monocrystalline 12v 120w solar panel works in both sunny and overcast conditions.

## Inverters

A solar inverter, or PV inverter, converts the variable direct current (DC) output of a photovoltaic (PV) solar panel into a utility frequency alternating current (AC) that can be fed into a commercial electrical grid or used by a local, off-grid electrical network. It is a critical component in a photovoltaic system, allowing the use of ordinary AC-powered equipment. Solar inverters have special functions adapted for use with photovoltaic arrays, including maximum power point tracking and anti-islanding protection.



## Batteries

Solar storage battery

As the main storage power components for solar pv system, the quality and lifetime are more important.

All are free maintenance type.

Type: Gel battery / VRLA Lead-acid battery

Voltage: 12V / 2V

Capacity: 12V / 5Ah-250Ah 2V 200Ah-3000Ah



## Solar Power Cables and Connectors







## CONTACT US

### DIRECTIONS

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