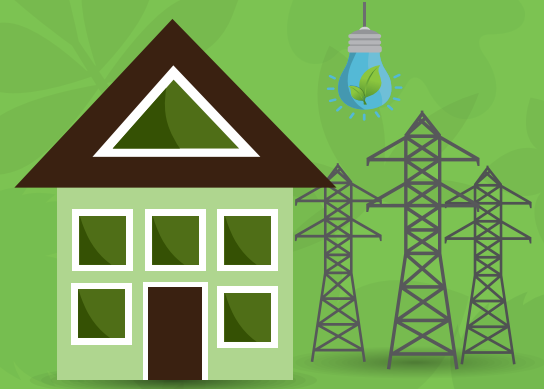


# OFF GRID



# ON GRID

## TURN YOUR ROOFTOP INTO A POWER PLANT.

Rooftop solar Photovoltaic (PV) systems are the emerging solution for distributed power in residential and commercial establishments. Solar rooftops are the ideal solution for providing clean, green and inexhaustible energy which reduces the use of fossil fuels.

### Working of an Off Grid Rooftop Solar Panel

A rooftop photovoltaic power station, or rooftop PV system, is a photovoltaic system that has its electricity-generating solar panels mounted on the rooftop of a residential or commercial building or structure. The various components of such a system include photovoltaic modules, mounting systems, cables, solar inverters and other electrical accessories.

### Working of an On Grid Rooftop Solar Panel

In grid connected rooftop Solar PV system the DC power generated from Photovoltaic panel in a day time is converted to AC power using Solar Power inverter and The generated power during the day time which is utilized fully by powering captive loads and feed excess power to the grid as long as grid is available. In case, where solar power is not sufficient due to cloud cover etc, the captive loads are served by drawing power from the grid.

### Net metering.

Net metering is an agreement that allows the solar PV system owner to sell excess solar energy to the utility company or buy deficit energy from the utility company using a meter to track this energy exchange.

### Converting Home Inverter into Solar System

#### **1.1 KVA**

|           |           |
|-----------|-----------|
| 300 Watts | 35k - 40k |
| 500 Watts | 45k - 50k |

#### **1.6 KVA**

|            |           |
|------------|-----------|
| 1000 Watts | 80k - 85k |
|------------|-----------|

### Solar Solution for Small and Medium-Sized Home

#### **1.1 KVA**

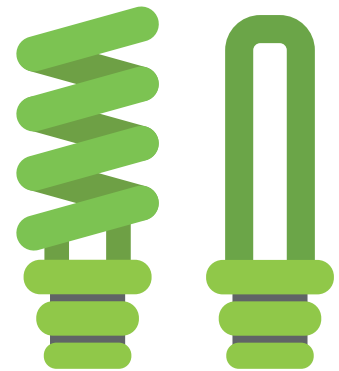
|           |           |
|-----------|-----------|
| 500 Watts | 60k - 65k |
|-----------|-----------|

#### **1.6 KVA**

|            |                |
|------------|----------------|
| 1000 Watts | 1Lac - 1.10Lac |
|------------|----------------|

### Advantages for going with iSoorja

1. Portable, Light Weighted, Rust free structure for Pannels.
2. Installation Inclusive
3. Free Site Inspection
4. 24x7 Support



Savings on electricity bills and Net metering facility (As per the Government Policy).



Does not cause pollution.  
No Maintenance.  
Long lasting - 25 years

CALL ON 9959872738, 9718535291  
[www.iSoorja.com](http://www.iSoorja.com)



# iSoorja

ENSURING ENERGY FOR FUTURE

## Urban Power Revamping

Reforming free  
power to  
urban areas

## Normal to Solar Inverter

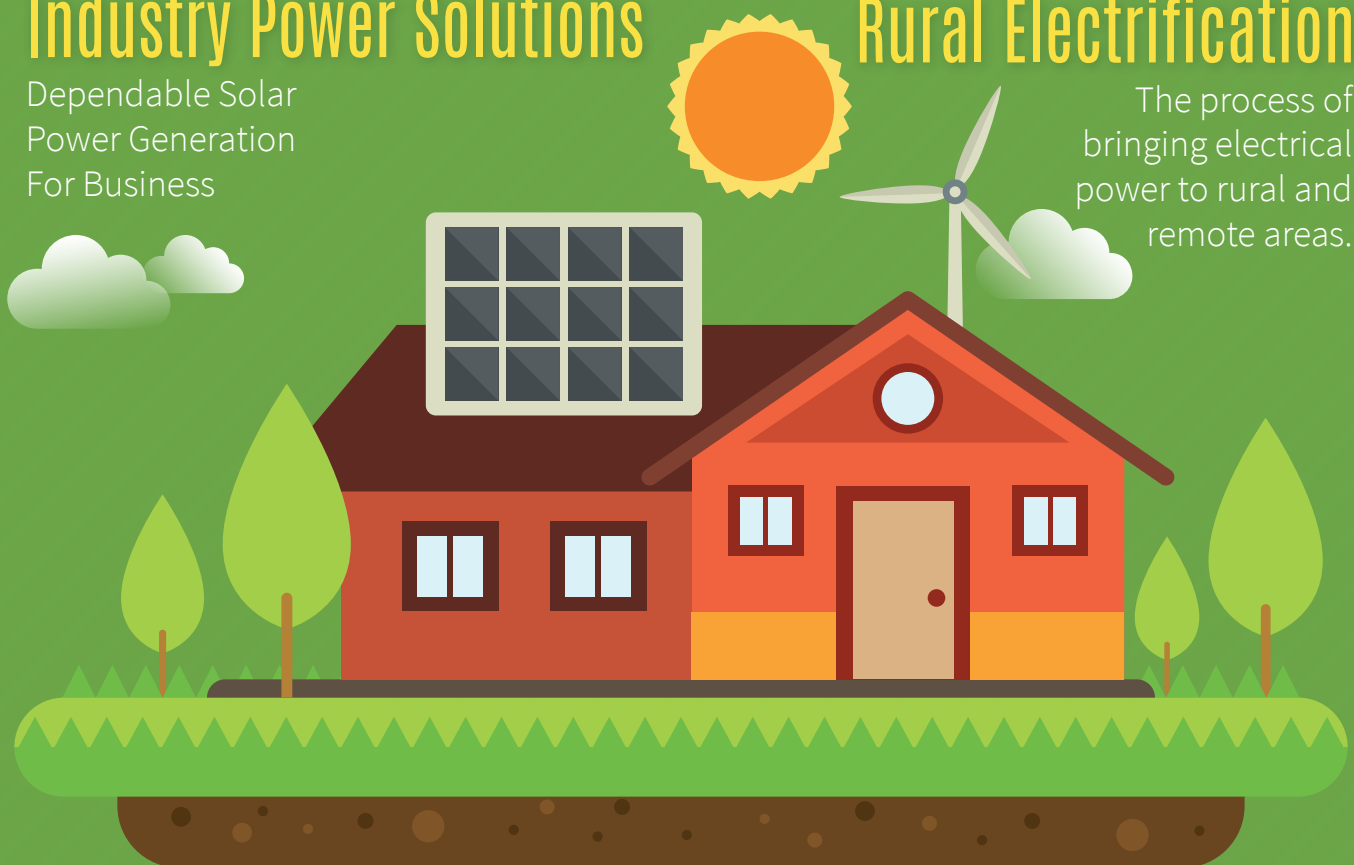
Convert any  
ordinary inverter  
and battery setup  
into solar power

## Industry Power Solutions

Dependable Solar  
Power Generation  
For Business

## Rural Electrification

The process of  
bringing electrical  
power to rural and  
remote areas.



# SWITCH TO SOLAR

THE WORLD MUST TURN TO SUN TO POWER OUR FUTURE

CONSULTATION / INSTALLATION / SERVICING