

MESSAGES



“doing our bit for the environment”



M ZAKIR ALI
Managing Director

As it came into my ears “NEPRA announced Net Metering” **Inverex** as a leading brand of the renewable industry diverted all of its focus in bringing such state of art technology through which end users can be entertained with maximum benefits from the relief provided by the Government of Pakistan via introducing reverse metering.

I proudly announce for the first time in Pakistan an independent power house through green energy which is not only being as your primary power source but also as an income source.

Inverex will keep on focusing on clean energy. Our vision is to see clean and bright Pakistan.



M NASIR ALI
Director

To maintain its position as the leader of the sector, **Inverex** keep on bringing new, innovative, reliable, cost effective and state of art green energy products. This time **Inverex** brings a complete self sufficient power house that runs completely on green energy.

As the tariff of electricity is going up day by day the Government of Pakistan provides relief to its people by introducing net metering. Taking advantage of this we are providing a solution through which the consumer will get rid of high electricity bills and will be capable of an independent power generating system and also contributing to protect environment through clean energy.

INVEREX POWER was established in 2007 as the pioneer in renewable energy and intend to provide the best and most cost effective energy solutions to our valued customers. Our nationwide network of dealers and distributors with well-trained engineers and technicians are strong value added proposition for our clients.

We provide Solar based RO Plants, Solar irrigation system, Solar- based office solution, Solar solution for fuel station, Solar- based street lighting system and Solar- based home solution etc.

WHY SOLAR ENERGY?

A Photovoltaic system not only help our environment, but it is economical as well. The rapid deployment of PV system is making it cheap compatible with coal, oil and diesel. Some of the advantages of solar energy are as follows:

- Solar energy helps you save on your electric bill.
- Say NO to every year increment in taxes and power rates
- It increases your energy self-reliance by harnessing the power of sunlight
- It helps you to get rid of long load shedding
- Provides short returns on investment (ROI)

SOLAR IS FUTURE

It is an amazing fact that in 15-minute time, the sun radiates as much energy as mankind consume in all forms during an entire year. Solar power is a safe, clean and renewable energy resource that will no doubt play a vital role in empowering our future. Today, solar energy is positioned to become a new source of power to lead the world to an effective and low-carbon future.

WHAT IS NET METERING?

Net metering is a billing mechanism that creditors' solar energy system owners for the electricity they add to the grid. For example, if a residential customer has a PV system on the home's rooftop, it may generate more electricity than the home uses during daylight hours. If the home is net-metered, the electricity meter will run backwards to provide a credit against what electricity is consumed at night or other periods where the home's electricity use exceeds the system output. Customers are only billed for their “net” energy use. On average, only 20-40% of a solar energy system's output ever goes into the grid. Exported solar electricity serves nearby customer's load.

InfiniSolar: On-Grid Inverter with Energy Storage

Innovative and Cost-Effective Power Solution



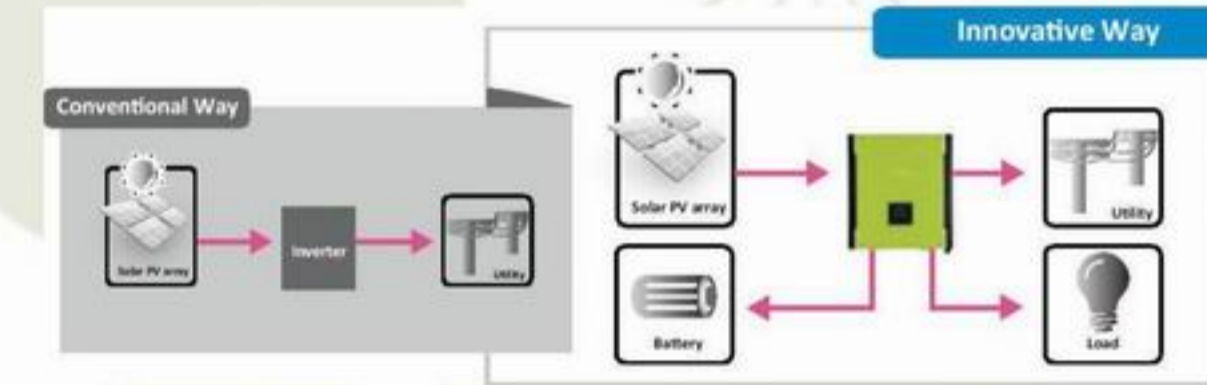
Infinisolar is a flexible and intelligent hybrid inverter which utilizes solar power, AC utility and battery power source to supply continuous power. It is a simple and smart solar power storage system for home users to either store energy into battery and wait for night time usage or use for self-consumption first depending on demands. Priority for power source can be programmed and set up through smart software. During night time or power failure, it will automatically extract power from battery. In this way, it will reduce the dependence on the utility.



- On-Grid Inverter with energy storage
- Self-consumption and feed-in to the grid.
- Programmable supply priority for PV, Battery or Grid.
- User-adjustable battery charging current suits different types of batteries.
- Programmable multiple operations modes: Grid tie, off grid and grid-tie with backup.
- Built-in timer for various mode of on/off operation.
- Multiple communications for USB, RS-232, Modbus and SNMP.
- Monitoring software for real time status display and control.

Feed-in is not only choice

In comparison with conventional grid-tie inverter, Infinisolar is able to not only feed-in power to grid but also store solar power to battery for future usage and directly power to the loads.



Save money through self sufficient green power house

Infinisolar produces its own green energy through solar power and provides electricity directly to load and send the excessive electricity to the National grid via net metering saving electricity bills up to 20-40%



Power backup when AC failed

Infinisolar can operate as an off-grid inverter to provide continuous power even without the grid. It is perfect power solution for power backup in unstable grid conditions.

