



Residential On-Grid Solar PV System

EASILY PRODUCE YOUR OWN ENERGY AND REDUCE YOUR ENERGY BILLS

As an international high-tech company **NEOSUN Energy** is committed to providing high quality solar products, solar system solutions and services to customers around the world.

With various level of governments' financial support for solar PV system installation and feed-in-tariff for purchasing solar power fed into the grid, solar power system investment has become a risk-free financial product with a very attractive rate of return.

NEOSUN Energy offers home owners complete residential solar system solutions to meet their green energy needs. These residential solar power systems are designed to meet different building applications in system sizes of 5kW, 10kW, 15kW and 25kW.

NEOSUN Energy also provides customized solar system solutions for special solar energy requirements. Feel free to contact us for more information – sales@neosunenergy.com

INCLUDED SYSTEM COMPONENTS

System model	System Size	Module type	Module Quantity	Inverter model	Mountings
NEOSUN HS-5K	5 kW	NS-265P	19	SPI-5000	for 5kW
NEOSUN HS-10K	10 kW	NS-265P	38	TPI-10K	for 10kW
NEOSUN HS-15K	15 kW	NS-265P	57	TPI-15K	for 15kW
NEOSUN HS-25K	25 kW	NS-265P	95	TPI-25K	for 25kW

SYSTEM CONFIGURATION

1. Solar module

Use light energy from the sun to generate electricity through the photovoltaic effect.

2. DC Solar Combiner box

Improve the reliability and protect the DC circuit of PV system.

3. Inverter

Convert the direct current (DC) from the solar modules to AC.

4. AC Combiner box

Improve the reliability and protect the AC circuit of PV system.

5. Meter

Tracks the AC electricity coming from and being sendback to the utility grid.



SOLAR MODULE NEOSUN NS-265P

- High system energy yield
- High module quality
- Robust module construction
- Heavy snow load up to 5400 Pa,
- Wind load up to 2400 Pa
- 25 year performance warranty



INVERTER NEOSUN TPI SERIES

- 98.4 % High Efficiency
- IP 65, stainless steel housing
- 2 Advanced MPPT automatic tracking
- In-build protection for overvoltage, Islanding, overload, overheating, etc.
- Light weight