

Roof mounted Solar Energy

NIBE PV Photovoltaic package

Each 3 kW basic package comprises 10 panels. The basic kit can be supplemented with additional solar panels for improved adaptation to the roof.

The panels are made up of crystalline silicon, covered with special glass. When the sun shines on the solar panels, they utilise even the smallest amount of sunlight and convert it into electricity.

The NIBE PV makes it possible for the heat pump to communicate with the inverter and adapt the heat pump operation according to the intensity of the sun. If there is any surplus solar energy, you can decide what the energy is to be used for.

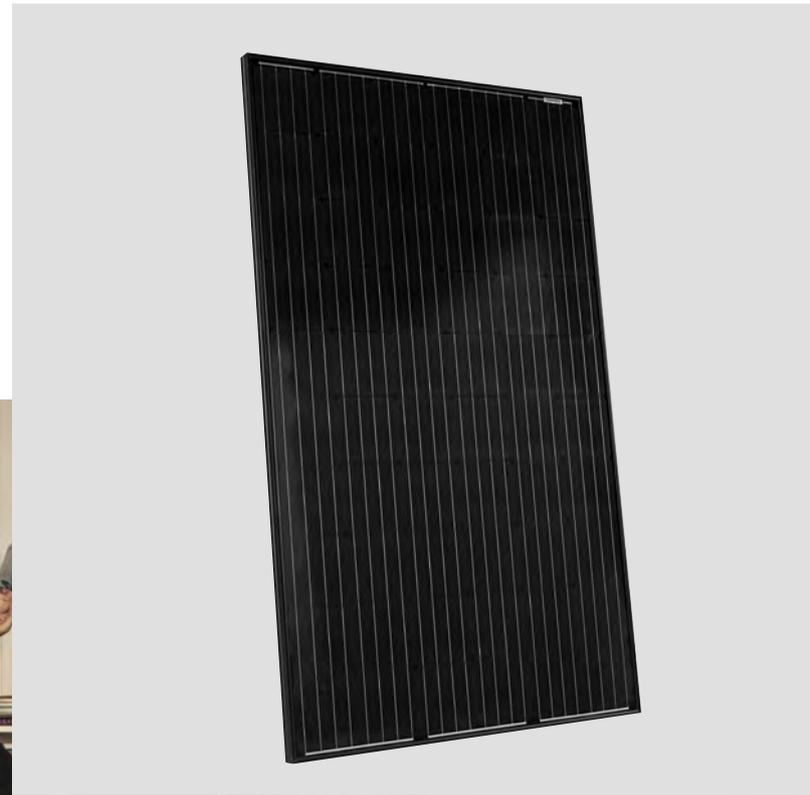
With its smart technological features, this product will play an essential part of your connected home. It will provide you with a self-adjusting control system that regulates your indoor climate in an efficient way. You will do the environment a favor while maintaining all the comfort in your home.

FEATURES OF NIBE PV

Monocrystalline silicon cell panels using PERC technology with an output of 290 Wp. The PERC technology produces greater efficiency from the same surface area.

The modular system produces five different basic outputs, 3 kW 230 V and 6, 9, 12 and 21 kW 400 V.

Inverter with dual trackers, allowing more strings.



 **NIBE**

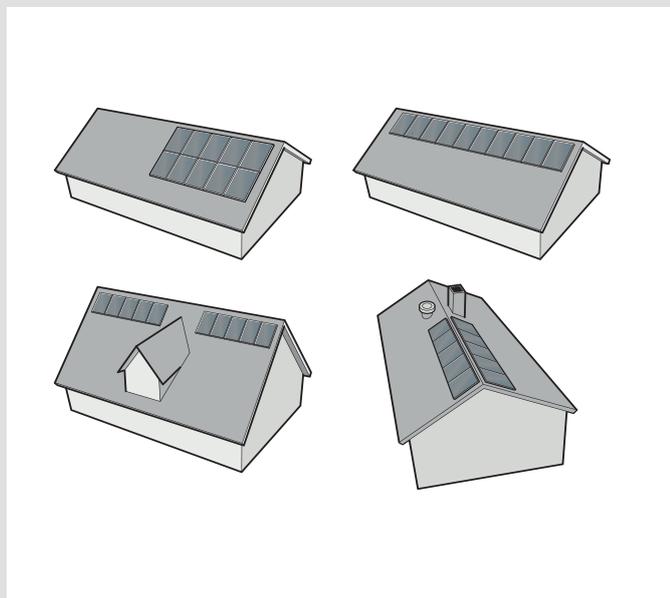
Specifications NIBE PV

<i>Solar panel</i>		3 kW	6 kW	9 kW	12 kW	21 kW
Rated output at STC (Pmpp)	Wp	290				
Rated voltage (Umpp)	V	32.1				
Rated current (Impp)	A	9.05				
External dimensions (Width x Height x Depth)	mm	1650x992x40				
Aluminium frame		Anodized black				
Weight	kg	19				
Connection cables with pre-installed connectors	mm	2x1000				
<i>Inverter</i>		3 kW	6 kW	9 kW	12 kW	21 kW
External dimensions (Width x Height x Depth)	mm	347x432x145	516x474x192			516x650x203
Weight	kg	14	24			39
Max number of strings		2			4	
Number of trackers		2				
Colour		White				
Enclosure class		IP65				

Comfort through connectivity

We always strive to maximize the outcome of every product carrying the NIBE name while focusing on the system as a whole through connectivity. This way, we can offer you a wide range of smart and highly efficient products that can cool, heat, ventilate and supply your home with hot water. By harvesting power from nature, you can create the perfect indoor climate and enjoy the comforts of your home with minimal impact on the environment. To us, that's what really matters.

It's in our nature.



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