

novventos

Your Power. Your Independence.



Quick and easy installation
Standardized mounting
for ISO containers

**Solar
Power**



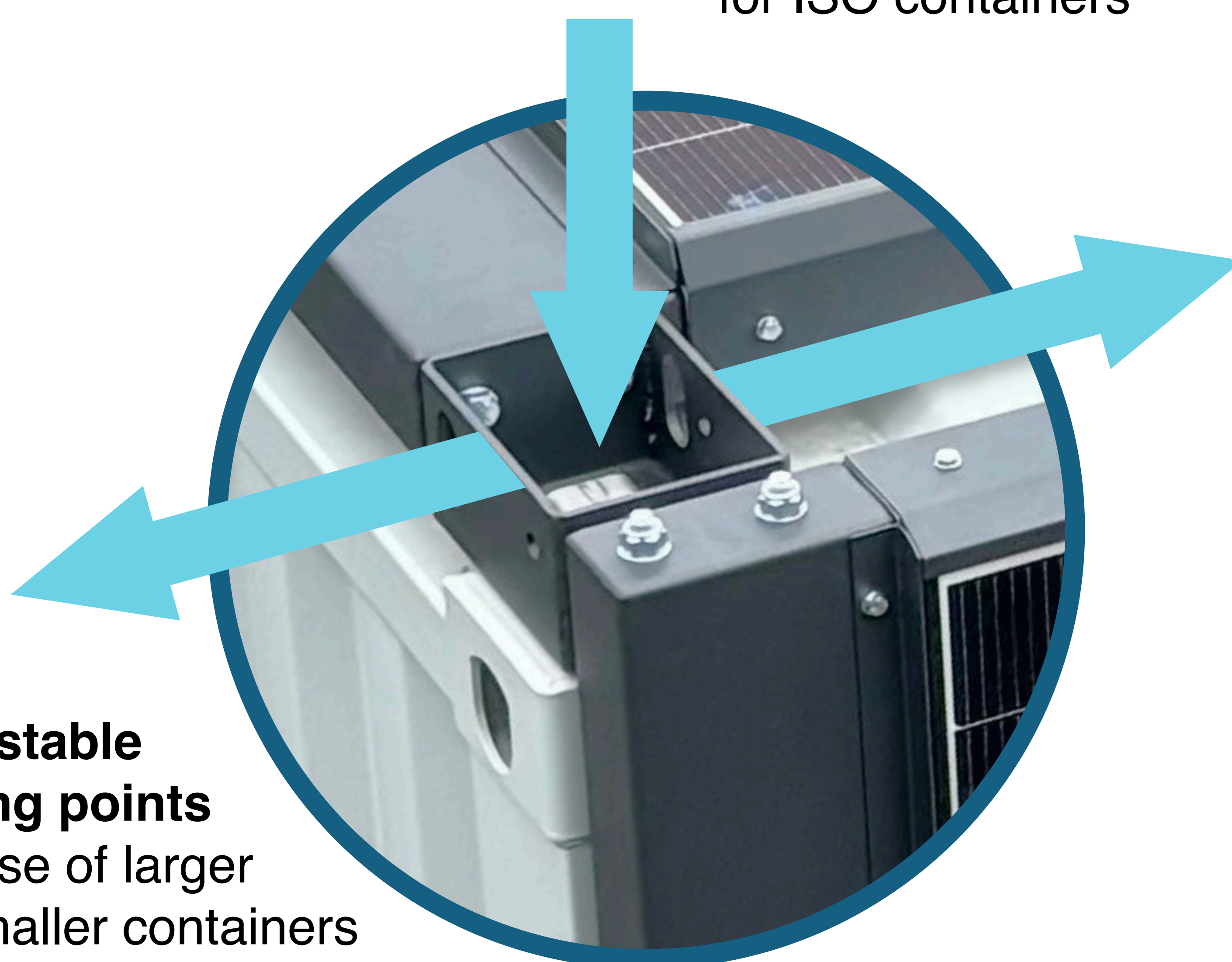
**Easy
Connect**



**Hybrid
Ready**



**Adjustable
mounting points**
To allow use of larger
modules on smaller containers



sky.boost

efficiency meets versatility

Photovoltaic array for mounting on 10’ to 20’ ISO containers

sky.boost is a modular PV array specifically designed for use within the **novventos** product family. As an integral component of a sustainable energy concept, it was conceived from the ground up to work seamlessly with **naca.boost** wind turbines and the **master.boost** energy center.

The robust metal frame with four mounting points and four **novventos** mounting bracket sets enable quick and secure installation on ISO containers. Thanks to the sophisticated mounting system, **sky.boost** is ready for use in no time – without complex planning. The system also offers adjustable mounting points, allowing larger top modules to be used on smaller containers.

sky.boost modules are available for container roofs and side walls in top and vertical configurations, with the vertical modules being attached to one or both sides of a top module. For optimal handling, **sky.boost** is stackable and suitable for transport by crane and forklift.

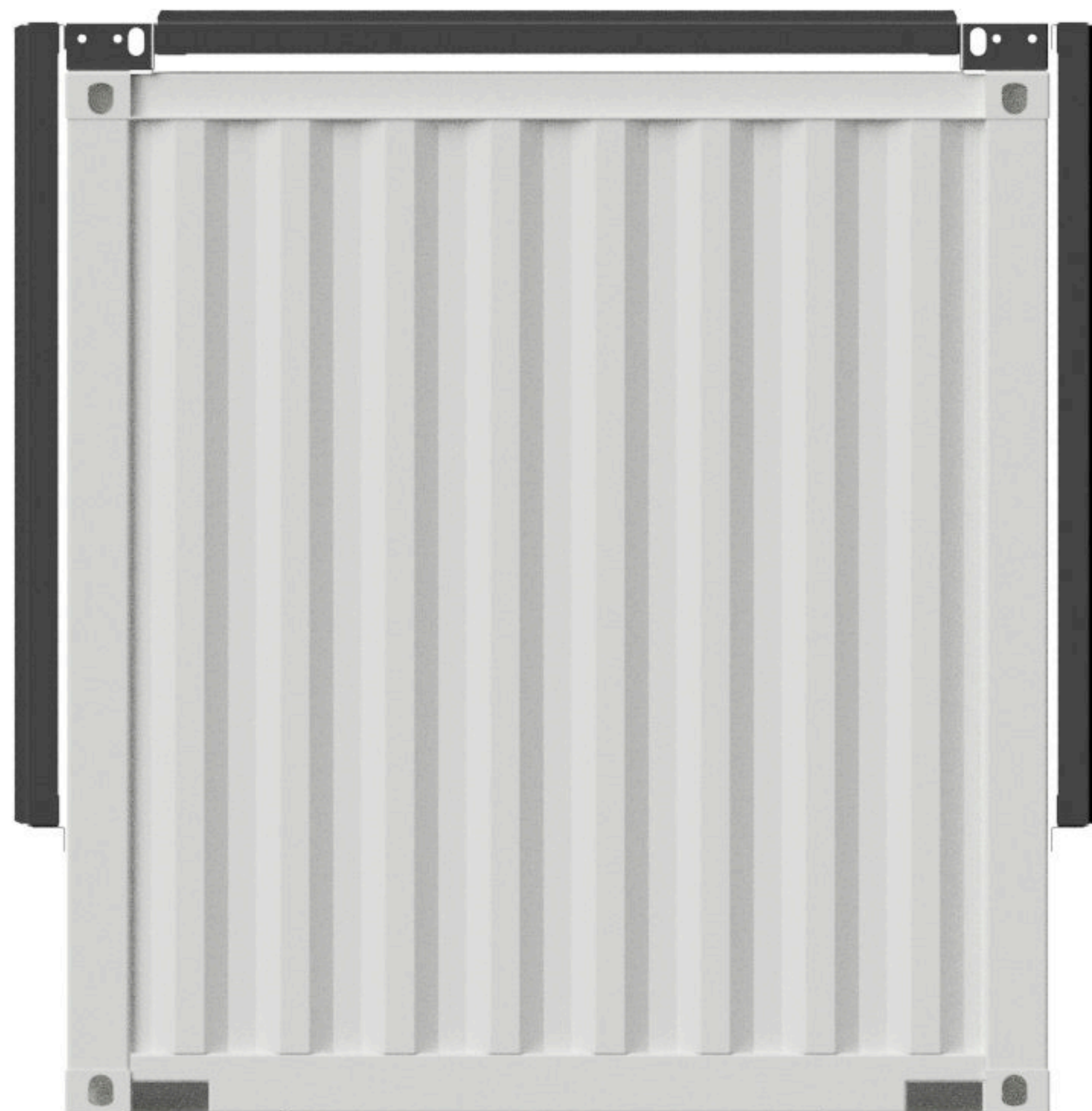
- sky.boost** offers three integration options:
- PV field only: Connection to a customer-supplied inverter system
 - With micro-inverter for grid connection; customer- and country-specific clarification required
 - Combination with a **novventos master.boost** system according to customer-specific requirements

Technical Data:	sky.boost 10	sky.boost 16	sky.boost 20
Weight:	200 kg	290 kg	325 kg
Dimensions L x W x D mm:	2.953 x 2.432 x 153	4.891 x 2.432 x 153	6.020 x 2.432 x 153
Peak power total:	1.020 W	2.040 W	2.550 W
Open circuit voltage total:	82 V	163 V	203 V
Short-circuit current:	16 A		
Connection and cable:	TS4 connector, PV cable 4mm²		
Temperature range:	from -40 to +85°C		
Maximum snow load:	100 kg/m²		

Maximum Yield



Up to 2.3 times more energy yield per m² compared to conventional mounting through vertical and horizontal arrangement



Color selection



Color scheme according to customer specification, matching the corporate design



Easy handling

The modules can be easily stacked on top of each other using adapted spacer blocks.



Easy to store and transport



The modules can be easily moved with a crane or a forklift.



**European
Technology**



Your Power. Your Independence.

novventos clean.energy.village

The European solution for a local, hybrid, sustainable, and modular energy supply combines **naca.boost** wind turbines, **sky.boost** photovoltaic arrays, and the **master.boost** energy hub into a modular system that can be adapted to the operator's needs based on site conditions and requirements. The various components can be connected to form a clean.energy.village.

A **clean.energy.village** consists of the following core components:

- **naca.boost** - vertical-axis wind turbine for roof and container mounting
- **sky.boost** - photovoltaic array for container mounting
- **master.boost** - inverter system
- **battery.boost** - battery storage
- ***.boost** - further components under development

