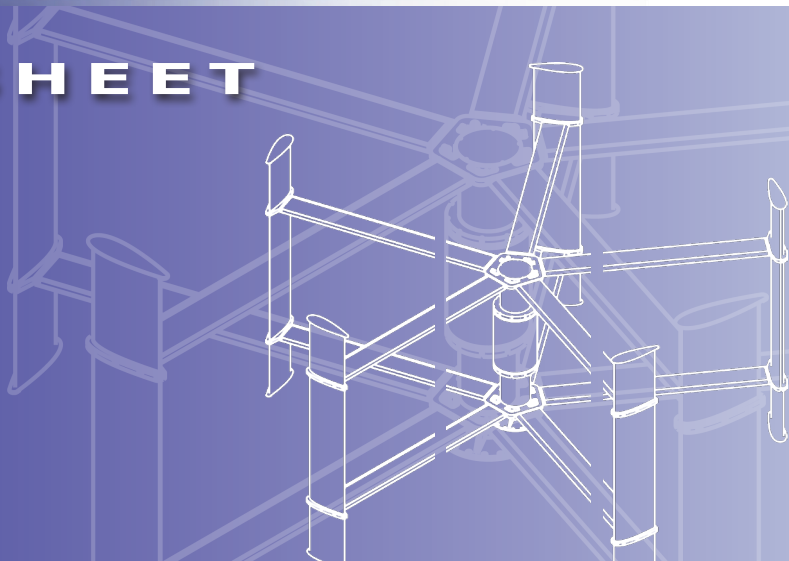




WIND IS CHANGING

# DATASHEET





WIND IS CHANGING

## ROPATEC IN THE WORLD



AUTOMATIC START UP  
even at low wind speed



INDEPENDENCE  
from wind direction



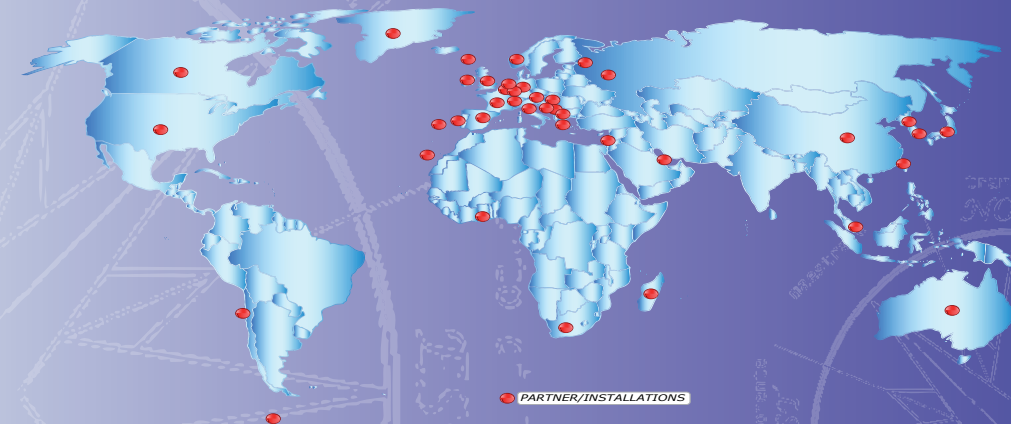
**NOISELESS**  
not audible to the human ear



HIGH WIND FORCES  
very robust construction



MULTIFUNCTIONAL  
also for hybrid applications



# EASY VERTICAL

ROPATEC EASY VERTICAL – introducing Ropatec's *user-friendly* small wind turbine system.

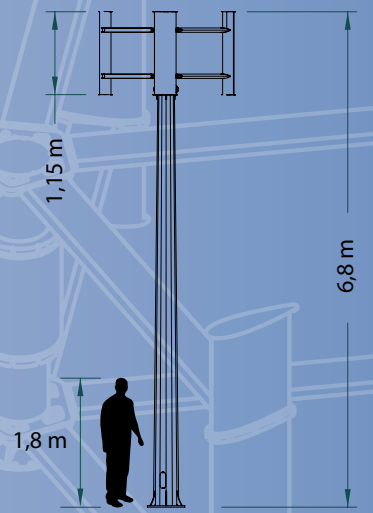
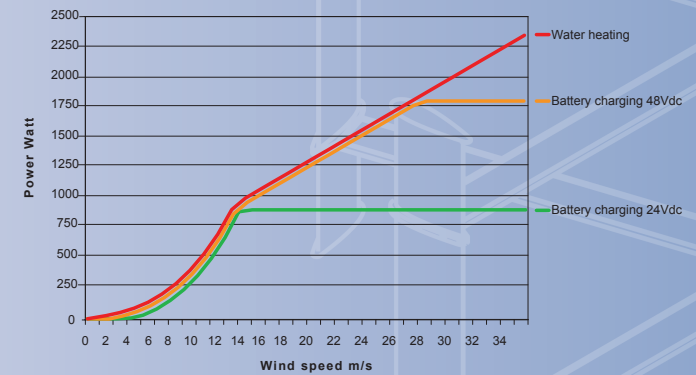
Easy Vertical brings with it all of the **high-quality** features of a Ropatec small wind turbine, and given size and ease of handling it is extremely easy to set up.

Together with Ropatec's digital charger, the „Easy“ is an **ideal solution** for small off-grid installations. Ropatec's innovative charging system can be programmed to voltages between 12Vdc - 48Vdc giving the user **free range** of battery choices.

When combined with Ropatec's „HotMax“ **heating** controller, the Easy Vertical can support water heating systems for further energy **costs savings**.



Nominal power: 1.000W  
 Diameter and height: 1,8m x 1,15m  
 Weight: 130 kg  
 Cut-in: 3m/s



# SIMPLY VERTICAL



ROPATEC SIMPLY VERTICAL – *straightforward installation.*

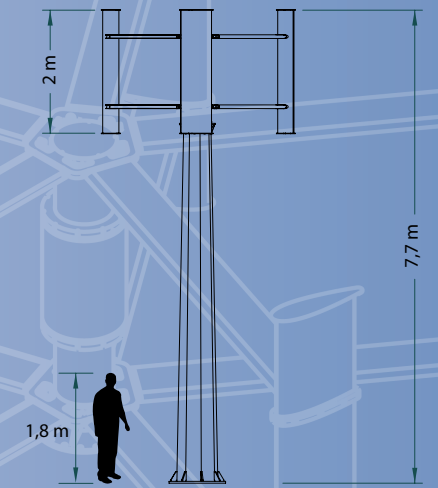
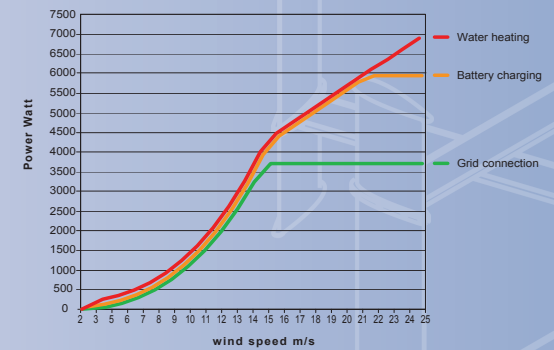
It's as simple as that!

The Simply Vertical unit is easy to install and operational in a very short time, with Ropatec **modularity** in connecting to different electronic controllers enabling a multiplicity of applications.

For example a **grid** connection with certified on-grid inverters, or water heating systems with the **heating** controller „HotMax“ can be easily set up.

But also for **off-grid** installations Ropatec offers modular solutions in **digital** battery charging.

Nominal power: **3.000W**  
 Diameter and height: **3,3m x 2m**  
 Weight: **450 kg**  
 Cut-in: **3m/s**



# MAXI VERTICAL

ROPATEC MAXI VERTICAL – a versatile small wind system.

Altering electronic controllers, the Ropatec Maxi Vertical can address a highly **versatile** range of energy applications.

When connected with a certified **on-grid** inverter, power generated from Maxi Vertical is feedable directly into a local grid.

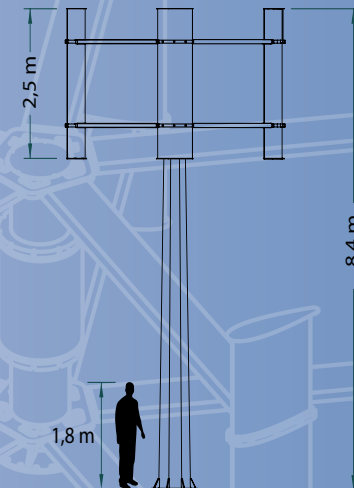
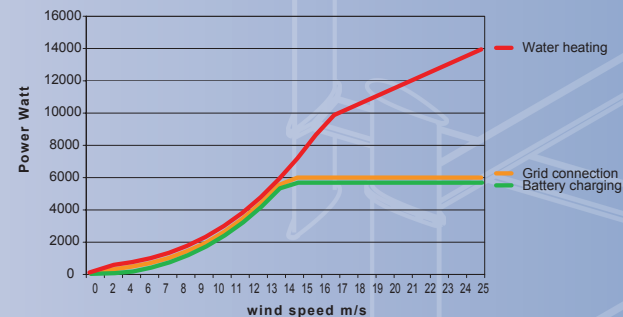
Or else, when addressing more specific applications such as **water heating**, further energy costs savings can be realised when connected to Ropatec's innovative heating controller „HotMax“.

In **off-grid** conditions where digital chargers are used, the Maxi Vertical in connection with a Ropatec's **hybrid** charger enables a streaming of wind/solar photovoltaic energy, and other energy sources.



Nominal power:  
Diameter and height:  
Weight:  
Cut-in:

6.000W  
4,7m x 2,5m  
760 kg  
3m/s





# BIG STAR VERTICAL

ROPATEC BIG STAR VERTICAL – *high performance turbine.*

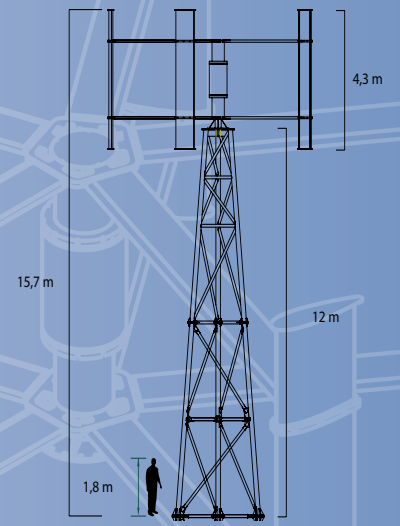
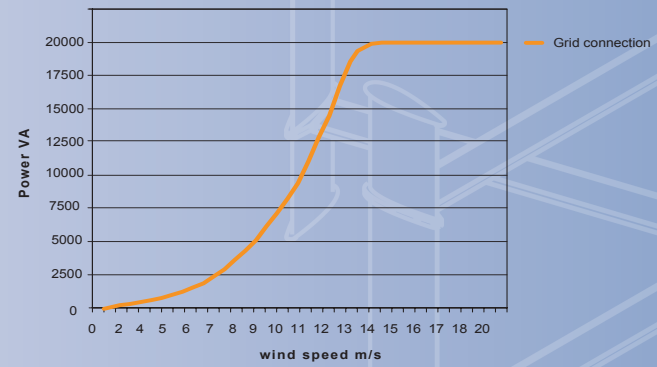
Noiseless, aerodynamic **efficiency**, smoothness of movement and aesthetically appealing design distinguishes Ropatec's signature vertical axis wind turbine.

Evidencing years of R&D/testing and dedicated **experience**, carefully chosen high **quality** materials guaranteeing robust, long-lasting operations also in extreme environments.

An especially developed certified on-grid inverter connects the turbine to a three-phase grid, **reducing energy costs.**



Nominal power: 20 KVA  
 Diameter and hight: 8m x 4,3m  
 Weight: 3600 kg  
 Cut-in: 3m/s





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[www.ropatec.com](http://www.ropatec.com)

All data subject to changes without notice