

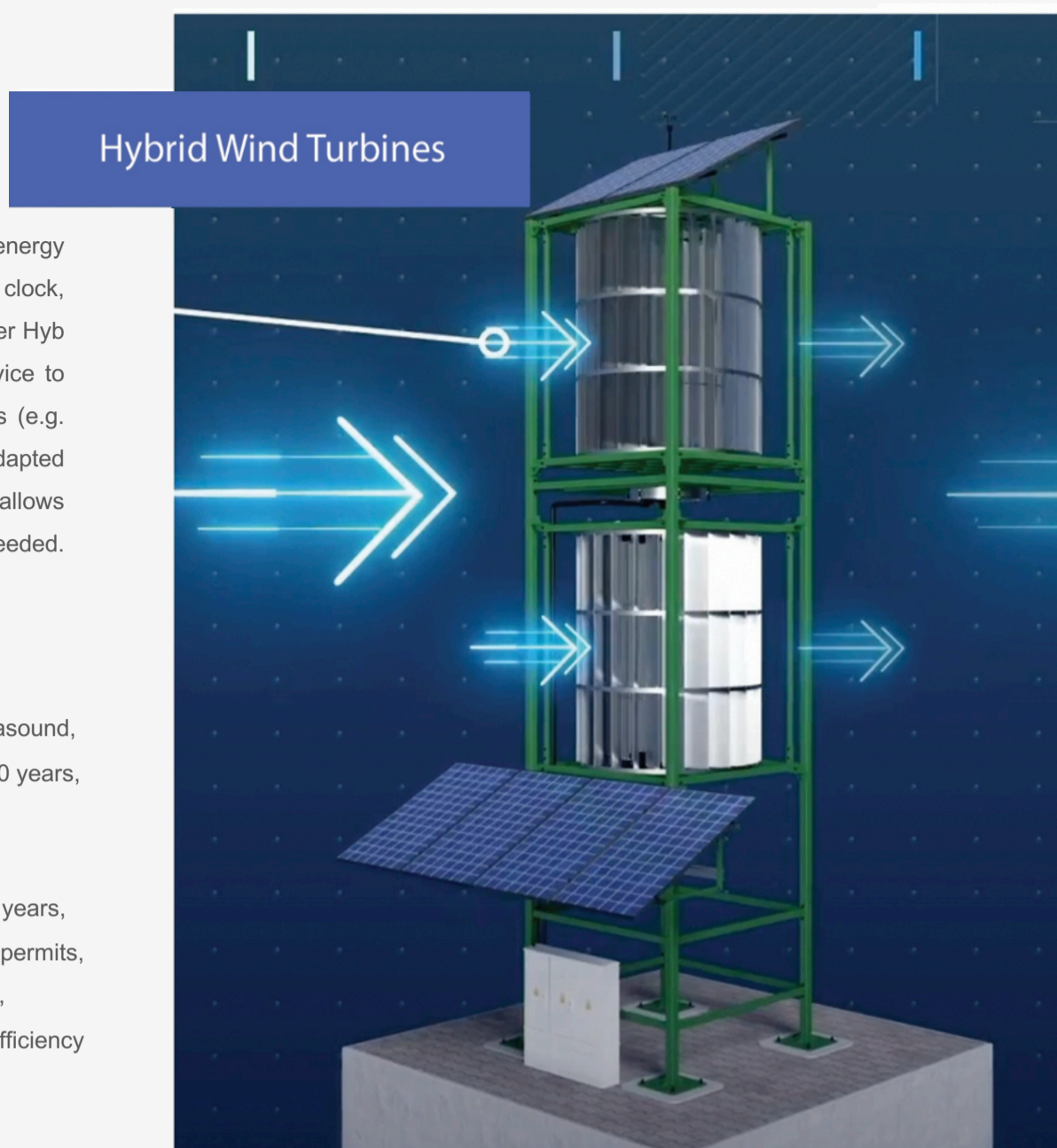
Power Hyb

The power of energy from eco - innovation

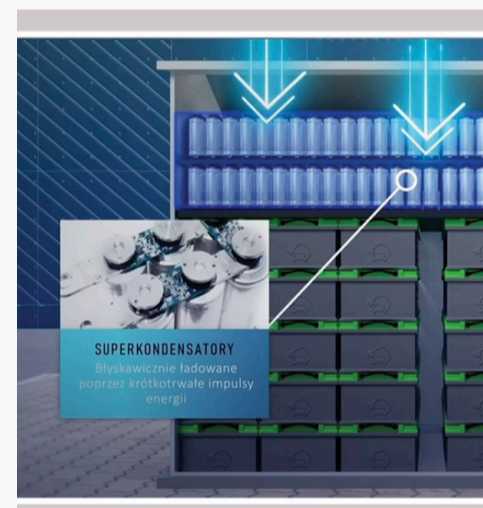
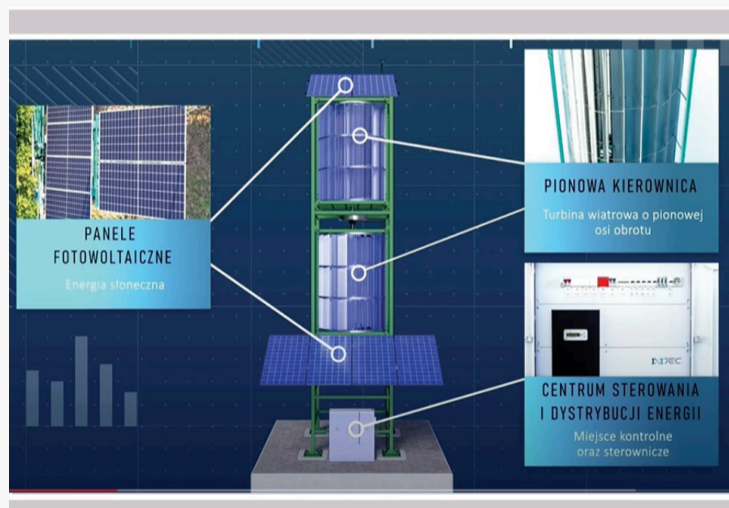
Power Hyb is a hybrid device for generating electricity from renewable energy sources. The turbine has been designed to provide energy around the clock, regardless of weather conditions. This is possible due to the fact that Power Hyb processes energy using two sources sun and wind, which allow the device to operate effectively both in full sun and during difficult weather conditions (e.g. cloudy weather). The device is an Off-grid type installation, but it can be adapted to work in the On-grid mode. The installation has a battery buffer that allows energy to be stored in two battery sections, to be used as needed.

Advantages of Power Hyb

- high current efficiency: 5 kW, 10 kW, 15 kW,
- very quiet operation of the device, which does not generate harmful infrasound,
- low-speed design that allows for trouble-free operation of PH for up to 20 years,
- completely maintenance-free
- preview of the turbine operating parameters on the mobile phone,
- 5-year basic warranty, with the option of extending it for another 5 or 10 years,
- in the basic configuration, the device does not require building or other permits, it can be a free-standing structure on the ground or mounted on the roof,
- it also works in harsh weather conditions and has one of the highest efficiency rates on the market.



BLOCK SCHEME PH 5 kW – HTW05



Technical parameters:

Turbine: 5 kW

1. Mounting structure:

- powder - coated steel, galvanized sheet - 1 piece
- weight of the device: from 480 kg
- sizes: 2.5 m x 2.5 m x 2 m (turbine structure)
- sizes of the base under the turbine (2.5 m x 2.5 m x 3 m)
- dimensions of the mounting foot: 50 cm x 50 cm x 4 cm

2. Photovoltaic components:

- 350 W panels - 8 pcs.
- 3 phase inverter - 1 pc.
- energy storage 2 x 5 kW - total power 10 kW
- automatic fire switch - 1 pc.

3. DC accessories:

- DC solar cable 4/6 m - 1 set
- set of MC4 connectors - 1 set
- other DC accessories - 1 set

4. AC accessories:

- AC overvoltage protection - 1 set
- overcurrent protection - 1 set
- installation grounding wire 16 mm - 1 set
- connection cable - 1 set
- connection box - 2 sets

5. Online monitoring of the installation:

- access to the online platform

6. Details of construction as well as parameters of Power Hyb are part of the technological documentation, which is supplied with the device.