

WIND TURBINE
ECOROTE 9800

CODE: HIP-TURBINA9800



DESCRIPTION AND TECHNICAL CHARACTERISTICS:

The 9800W wind turbine is an advanced device that enables efficient production of electrical energy from renewable sources. Designed with a focus on efficiency and durability, this turbine is an excellent solution for individuals seeking environmentally friendly and cost-effective energy alternatives. Its sturdy construction and advanced technologies make it resistant to extreme weather conditions.

This turbine is an ideal solution for both grid-connected systems (on-grid) and off-grid systems. Its versatility allows for its application in diverse conditions and configurations. Thanks to the advanced controller and brake technologies, the turbine is not only efficient but also safe and quiet, making it environmentally friendly and suitable for the residents of the surrounding area. It is the perfect solution for individuals looking for reliable and eco-friendly sources of electrical energy.

TECHNICAL DATA:

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| Turbine power | 9800W |
| Rotor diameter | 4,3 M |
| Turbine height. | 5,6 M |
| Start-up speed | 1,2 M/S |
| Rated speed | 12 M/S |
| Total weight | 870 KG |
| Blades and arms | Aluminum construction tested for strength in extreme conditions. |
| Brake | Electromagnetic and electromechanical |
| Operating system | On grid / Off Grid / Hybrid |
| Controller | Microprocessor |
| Generator output voltage | AC |
| Noise level acc to PN-EN 61400-11 standards | <46 db at 8 M/S distance of 60 M |
| Operating temperature | From -40 °C till 70 |
| Corrosion protection | Anodizing, galvanizing, C5+M paint coating |
| Usable mast types | Concrete poles, metal poles, trusses, and roof bases - the possibility of producing structures according to individual orders. |
| Mast dimensions | From 2 to 25M |
| Compliance with standards | CE, IEC 61400-2, 61400-11 |
| Turbine warranty | 5 years* |

*possibility of paid extension of the turbine warranty up to 10 years