IstaBreeze I-1000 • 48 V AC

Wind turbine • off-grid / hybrid • three-phase AC • HAWT (horizontal axis)

SKU
IB-I-1000-48V
EAN
5907494390837
MANUFACTURER
ALTINEL ENERJİ DIŞ TİC. LTD

Wind analysis
kalkulator.viartem.pl

RATED POWER	VOLTAGE	ROTOR	CUT-IN WIND SPEED	WEIGHT
1.0 kW	**48 V AC**	**1.8 m**	**3.0 m/s**	**18 kg**



Key features

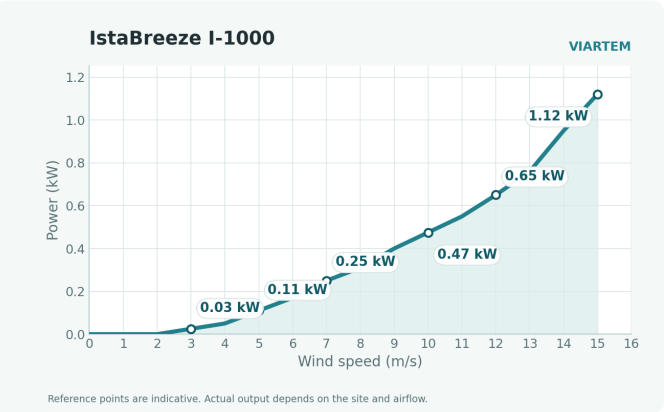
- Entry-level turbine with a low initial investment.
- 1 kW rated power for off-grid installations on small properties or backup power.
- 1.8 m rotor and a low cut-in wind speed.
- Relatively compact dimensions and low weight simplify installation.

Applications: off-grid systems, PV hybrids for backup power, holiday homes on open sites and small technical facilities.

Technical data

Model	I-1000
Rated power	1000 W
Maximum power	1200 W
Rated voltage	48 V AC
Cut-in wind speed	3 m/s
Rated wind speed	14-15 m/s
Rotor diameter	180 cm
Blade material	Composite
Generator housing	Cast aluminium
Set weight	19 kg
Package contents	3 blades, mounting bolts, flange, generator, manual, nose cone, tail

Power curve



5.0 m/s	**0.11 kW**
7.0 m/s	**0.25 kW**
10.0 m/s	**0.47 kW**
12.0 m/s	**0.65 kW**

Important: A battery charge controller with a wind turbine input is required; operation without a controller is not permitted. Steadier generation typically starts at around 5 m/s; tower height and smooth, unobstructed airflow are key.
Shipping: Approx. weight 19 kg; courier delivery. Configuration advice and B2B quotations: biuro@viartem.pl.
Brand: IstaBreeze · **Voltage options:** on request · **Manufacturer:** ALTINEL ENERJİ DIŞ TİC. LTD

VIARTEM

VIARTEM SP. Z O.O.
Ul. Henryka Sienkiewicza 6
72-320 Trzebiatów, Poland

Tax ID: 8571937218
Tel.: +48 518 095 280
email: biuro@viartem.pl