HG.NO

L-2

• 48 V AC

Wind turbine • Off-grid • three-phase AC • HAWT (horizontal axis)

RATED POWER	VOLTAGE	ROTOR	CUT-IN WIND SPEED	WEIGHT
2.0 kW	**48 V AC**	**2.2 m**	**3.0 m/s**	**24.0 kg**



Key features

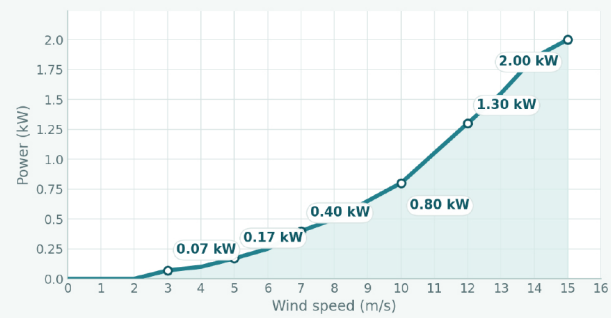
- Entry-level turbine with a low initial investment.
- 2 kW rated power for off-grid installations on small properties or backup power.
- 2.2 m rotor and a low cut-in wind speed.
- Relatively compact dimensions and low weight simplify installation.

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

Technical data

Model	I-2
Rated power	2000 W
Maximum power	2200 W
Rated voltage	48 V AC
Cut-in wind speed	3 m/s
Rated wind speed	14-15 m/s
Rotor diameter	220 cm
Blade material	Composite
Generator housing	Cast aluminium
Set weight	24 kg
Package contents	3 blades, mounting bolts, flange, generator, manual, nose cone, tail
Certificates	CE

Power curve



5.0 m/s	**0.17 kW**
7.0 m/s	**0.40 kW**
10.0 m/s	**0.80 kW**
12.0 m/s	**1.30 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 5-6 m/s; tower height and smooth, unobstructed airflow are key.