FT-10KFE 10 kW • 380 V AC

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

SKU
FT-10KFE
EAN
5907494390899
MANUFACTURER
Wuxi Fengteng New Energy Co., Ltd

Wind analysis
kalkulator.viartem.pl

RATED POWER	VOLTAGE	ROTOR	CUT-IN WIND SPEED	WEIGHT
10.0 kW	**380 V AC**	**6.3 m**	**2.5 m/s**	**285 kg**



Key features

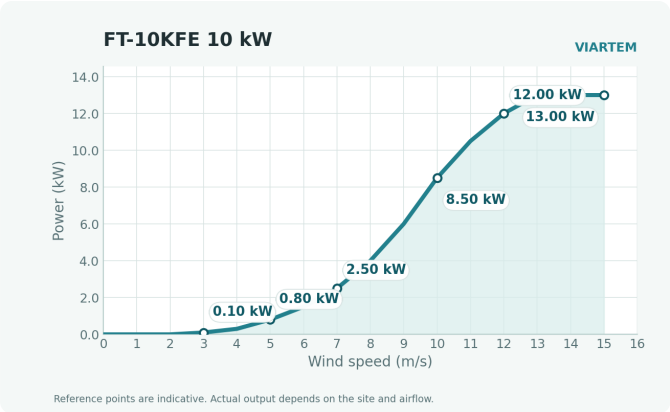
- 10 kW rated power for farms and small commercial installations.
- 6.3 m rotor for efficient operation even at moderate wind speeds.
- Gearless PMG generator for high efficiency and low starting torque.
- NSK bearings and a reinforced structure for durability and stable long-term operation.

Applications: PV hybrid systems, farms, technical facilities and commercial projects (subject to system design).

Technical data

Model	FT-10KFE
Rated power	10 kW
Maximum power	10.5 kW
Rated voltage	380 V
Cut-in wind speed	2.5 m/s
Rated wind speed	12 m/s
Survival wind speed	45 m/s
Rotor diameter	6300 mm
Number of blades	3
Blade material	Reinforced fibreglass
Generator	Three-phase permanent-magnet AC generator
Generator housing	Cast aluminium
Operating temperature	-40 °C to 80 °C
Weight (approx.)	285 kg
Certificates	CE

Power curve



5.0 m/s	**0.80 kW**
7.0 m/s	**2.50 kW**
10.0 m/s	**8.50 kW**
12.0 m/s	**12.00 kW**

Important: A wind turbine controller and wind-compatible inverter are required; operation without a controller is not permitted. Steadier generation typically starts at around 4-5 m/s; tower height and smooth, unobstructed airflow are key.
Shipping: Approx. weight 285 kg; pallet / freight delivery. Configuration advice and B2B quotations: biuro@viartem.pl.
Brand: Feng-Teng · **Voltage options:** on request · **Manufacturer:** Wuxi Fengteng New Energy Co., Ltd

VIARTEM

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