

Victory 26-60

A highly profitable investment

26 meter rotor diameter;

60 kW power generated;

198,000 kWh energy produced at 6 m/s.

Unequaled by any other turbine in its category,

Victory 26-60 guarantees

a rapid return on investment

and a secure long lasting profit;

from very low wind speeds.



gruppo tozzi

tozzi nord

everyone wins

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The company is managed
and coordinated by TRE S.p.a.
Tozzi Renewable Energy

Victory 26-60

Estimated annual energy production with K = 2

	4	5	6	7
Annual average wind speed (m/s)				
Annual average wind speed (mph)	9.96	11.20	13.44	15.68
Rated annual energy output (MWh/a)	130.4	198.1	252.0	297.0

Upwind Victory 26-60 wind turbine

Rated power	60 kW
Rotor diameter	26 m
Hub height	30 m
IEC wind class	IV s
Rated wind speed	7.6 m/s
Cut-in wind speed	2.5 m/s
Cut-out wind speed	16 m/s

Rotor

Type	Upwind
Rotational direction	Clockwise
Number of blades	3
Swept area	530.9 m ²
Blade material	GRP (epoxy resin)
Rotational speed	Variable: 10-40 rpm
Pitch control	Hydraulic actuation

Drive train

Hub	Rigid
Main bearings	Spherical roller bearing
Gearbox	Parallel axis, two stages - ratio 1: 20.6
Generator	PMS (Permanent Magnet Synchronous)

Grid feed	AC-DC-AC located at tower base
Grid code	Italy, CEI 0-21; UK, G59/3

Brake system

Primary brake system	Aerodynamic brake with emergency power supply
Secondary brake system	Slow shaft disc brake with emergency power supply

Yaw	Active yaw system
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Remote monitoring systems

	Tozzi Nord SCADA System
	Tozzi Nord Real Time Viewer
	Remote Monitoring system for Android (optional)



Power curve

