

TECHNICAL SPECIFICATIONS OF THE TURBINE COMBINED WITH THE ROTOR

Altezza turbina	1,1 / 2,2 mt
Diametro turbina	1,1 / 2,2 mt
Velocità innesto	2,2 m/s
Velocità nominale	6 m/s
Velocità sicurezza	50 m/s
Freno	elettromagnetico
Rotore	magneti in Neodimio sinterizzato
Vita attesa	>20 anni
Grado di protezione	IP 54
Certificazione	CE
Temp. ambiente	-20° C + 45° C
Potenza nominale	2000W-3000W
Giri nominali	350-500 RPM
Tensione nominale	120 V CA
Corrente nominale	16-25 A
Efficienza	>95%
Tipo di avvolgimento	Y
Resistenza di isolamento	100 Mohm min (500 V CC)
Coppia di avviamento	<0,5 NM
Coppia nominale	38
Fase	Trifase
Struttura	Rotore interno
Statore	Coreless
Peso generale	40,0-60,0 kg
Materiali	Alluminio (lega) - Acciaio



THE REVOLUTIONARY PRODUCTION SYSTEM OF ENERGY



WHERE WE ARE

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The energy revolution

The Totem Energy Generator combines a highly efficient vertical-axis wind turbine with a series of photovoltaic modules attached to the sides of a pentagonal steel totem. An internal lithium battery storage system and intelligent management of the energy flows generated by the various integrated devices complete the system and ensure constant production of clean energy throughout the day, 24 hours a day, 365 days a year. It's immediately clear that this integrated renewable energy generation system overcomes the limitations of devices currently on the market.

AS AN INDICATIVE LEVEL, A TOTEM CORRECTLY INSTALLED ON A SITE WITH AN AVERAGE ANNUAL WIND SPEED OF BETWEEN 3 AND 6 M/S CAN PRODUCE BETWEEN 1,500 AND 2,500 KWH (TEG 1000) TO WHICH ARE ADDED 500 KWH OF PHOTOVOLTAIC GENERATION.

THEREFORE, AS A PRECAUTION, THE TOTEM WILL PRODUCE BETWEEN 2000 AND 3000 KWH FOR THE AVERAGE SPEEDS INDICATED ABOVE, AND UP TO 5000 KWH IN WINDIER AREAS.

THE TOTEM IS AVAILABLE FOR NETWORK CONNECTION OR ISLAND OPERATION (STAND-ALONE)



HERE ARE SHOWN THE DIFFERENT TYPES OF PEDESTALS DESIGNED FOR VARIOUS TYPES OF ROOF SURFACES

windy.com



CHECK OUT THE WIND MAP IN ITALY BY SCANNING THE QR-CODE

Flexible installations and customizations to suit your needs!



TEG 2



TEG 3

THE SUPPLY INCLUDES A WARRANTY FOR 10 YEARS WITH TECHNICAL ASSISTANCE, MONITORING AND MAINTENANCE

ATTENTION: IN THE ABSENCE OF MONITORING, THE WARRANTIES ARE NOT VALID THEY ARE MORE VALID

Operating diagram with photovoltaic



Our system integrates perfectly with existing photovoltaic systems, completing production in the absence of sun, and in the winter season.



HYBRID WIND PHOTOENERGY INSTALLATION