



Tumurly Wind Turbine Performance Test Result

Turbine Specification

Wind Turbine Model	Turbo5000	Rated Power	5000W
Serial Number	TW521029	Max. Power	5512W
Type	Horizontal	Rotor Diameter	280 cm
Generator Type	Permanent Magnet	Generator Output	3 phases

Test Statistics

Execution Date	11.10.2021	Location	Istanbul, Turkey
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The Turbine Performance Parameters measured

Wind Speed (m/s)	Rotor RPM	Power (W)
1	0	0
2	109	80-145
3	153	132-353
4	204	357-547
5	255	714-776
6	306	996-1082
7	358	1408-1415
8	409	1811-1825
9	460	2224-2322
10	511	2901-2925
11	562	3490-3544
12	613	4170-4177
13	665	4887-4895
14	746	4995-5012
15	825	5502-5512

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