



Tumurly Wind Turbine Performance Test Result

Turbine Specification

| | | | |
|--------------------|------------------|------------------|------------------|
| Wind Turbine Model | Turbo1200 | Rated Power | 1200W |
| Serial Number | TW221004 | Max. Power | 1492W |
| Type | Horizontal | Rotor Diameter | 220 cm |
| Generator Type | Permanent Magnet | Generator Output | 3 phases |
| Test Statistics | | | |
| Execution Date | 11.10.2021 | Location | Istanbul, Turkey |

The Turbine Performance Parameters measured

| Wind Speed (m/s) | Rotor RPM | Power (W) |
|------------------|-----------|-----------|
| 1 | 0 | 0 |
| 2 | 125 | 30-86 |
| 3 | 176 | 100-128 |
| 4 | 234 | 176-204 |
| 5 | 293 | 228-242 |
| 6 | 391 | 270-324 |
| 7 | 471 | 370-442 |
| 8 | 556 | 502-553 |
| 9 | 634 | 605-673 |
| 10 | 715 | 689-745 |
| 11 | 847 | 782-956 |
| 12 | 971 | 975-996 |
| 13 | 1056 | 1143-1232 |
| 14 | 1134 | 1267-1296 |
| 15 | 1267 | 1386-1492 |

Approved by

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