



## Tumurly Wind Turbine Performance Test Result

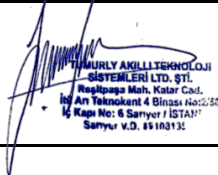
### Turbine Specification

|                    |                  |                  |                  |
|--------------------|------------------|------------------|------------------|
| Wind Turbine Model | Vortex5.0        | Rated Power      | 5000W            |
| Serial Number      | VW220016         | Max. Power       | 5571W            |
| Type               | Vertical         | Rotor Diameter   | 180cm            |
| Generator Type     | Permanent Magnet | Generator Output | 3 phases         |
| Test Statistics    |                  |                  |                  |
| Execution Date     | 08.04.2022       | Location         | Istanbul, Turkey |

### The Turbine Performance Parameters measured

| Wind Speed (m/s) | Rotor RPM | Power (W) |
|------------------|-----------|-----------|
| 1                | 0         | 0         |
| 2                | 76        | 80-124    |
| 3                | 143       | 168-296   |
| 4                | 193       | 402-542   |
| 5                | 261       | 597-715   |
| 6                | 369       | 887-1156  |
| 7                | 407       | 1347-1572 |
| 8                | 489       | 1790-1943 |
| 9                | 532       | 2379-2762 |
| 10               | 635       | 3150-3589 |
| 11               | 707       | 4123-4579 |
| 12               | 760       | 4978-5571 |

Approved by

  
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