|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Model | Type | Power (MW) | Speed (rpm) | Torque (kNm) | Mass (tonne) | Power Density (W/kg) | Torque Density (Nm/kg) |
| Thesis/Proposed | DD-PMSG | 5 | 12 | 3980 | 119.4 | 41.8 | 33.3 |
| Harokasan | DD-PMSG | 1.5 | 18 | 796 | 47.2 | 31.7 | 16.8 |
| Newgen | DD-PMSG | 4 | 19 | 2011 | 36.4 | 109.8 | 55.2 |
| NREL-AMSC | DD-PMSG | 3.1 | 12.5 | 2370 | 90 | 34.4 | 26.3 |
| Bang et. al. | DD-TFPM | 5 | 12 | 3980 | 90.8 | 55 | 43.8 |
| NTNU Thesis | DD-PMSG | 10 | 13 | 7347 | 260 | 38.4 | 28.2 |
| NREL-AMSC | DD-PMSG | 6 | 12.3 | 4658 | 177 | 33.9 | 26.3 |
| NREL-AMSC | DD-PMSG | 10 | 11.5 | 8305 | 315 | 31.7 | 26.3 |
| Bang et al. | DD-PMSG | 10 | 10 | 9551 | 325 | 30.7 | 29.3 |
| Enercon/E-126-7580 | DD-EESG | 7.58 | 12 | 6035 | 220 | 34.4 | 27.4 |
| GE/Haliade | DD-PMSG | 6 | 11.5 | 4983 | - | - | - |
| GoldWind/GW3S | DD-PMSG | 3 | 12 | 2388 | - | - | - |
| Gamesa/G132 | 2G-PMSG | 5 | 490 | 97 | - | - | - |
| Enercon/E-141 | DD-EESG | 4.20 | 11 | 3649 | - | - | - |
| Siemens/SWT-3.4-108 | DD-PMSG | 3.40 | 19 | 1709 | - | - | - |
| Siemens/SWT 6 | DD-PMSG | 6 | 11 | 5212 | - | - | - |
| Multibrid/M5000 | 1G-PMSG | 5 | 148 | 322 | - | - | - |
| The Switch/PMG4250-16 | DD-PMSG | 4.25 | 16 | 2537 | 89 | 47.7 | 28.5 |
| The Switch/PMG3200-12 | DD-PMSG | 3.20 | 12 | 2547 | 80 | 40 | 31.8 |
| The Switch/PMG1650-17 | DD-PMSG | 1.65 | 17 | 926 | 50 | 33 | 18.5 |
| Repower/5M | 3G-DFIG | 5 | 1164 | 41 | - | - | - |
| Siemens/SWT 4-120 | 3G-SCIG | 4 | 1666 | 22 | - | - | - |
| Siemens/SWT 2.3-101 | 3G-SCIG | 2.30 | 1456 | 15 | - | - | - |