| Mkt Comparisons | | w/b 18/3/2013 | | | | | | Source: Websites |
|---|---|---|---|---|---|---|---|---|
| | **Windcrop HY5** | **C&F11** | **Gaia 11kW** | **Westwind 10kW** | **Evoco 9.95** | **Aircon10s 9.8kW** | **Xzeres 10kW** | **Bergey Excel 10 10kW** |
| **Cut-in Speed** | 3 | 1.2 | Adjustable | 2.55 | 2.5 | 3.5 | 2.2 | 2.2 |
| **Rated Speed** | 11 | 9 | | 12 | 11 | 11 | 11 | 12 |
| **AEP @5m/s** | | 21,530 | 27,502 | | 21,706 | | 14,400 | |
| **AEP @6m/s** | 14,900 | 31,533 | 37,959 | 22,445 | 31,176 | 27,000 | 24,000 | 22,300 |
| **Tower Height** | 8-20 | 15, 20 | 15,18,27 | 12,15,18,22 | 12,15 | 11-30 | 13,18, to order | 15-40 |
| **Rotor Diameter** | 5.6 | 9 | 13 | 6.4 | 9.7 | 7.1 | 7.2 | 7 |
| **Gearbox** | X | X | √ | | | | | X |
| **Variable Pitch blades** | √ spring balanced | √ | | | | | | X |
| **Active Yaw** | X | √ | | | | √ | | |
| **Noise @ 60m @ 8m/s** | 43dBA | 44.7dBA | 45dBA | 45dBA | 52.9dBA | <40dBA | | |
| **s/w control & monitoring** | | √ | √ | | optional | √ | optional | |
| | Downwind | Upwind | Downwind | | Downwind | | Upwind | Upwind |
| **Warranty** | 1-2 years | 5 Years | 5 years | Up to 10 years | 5 years | 5 years | 10 years | 10 years |
| **Design Life** | 15 years | 20+ years | 20 years | | 20 years | 20 years | 20 years | 50 years |
| **Phase** | single | single, 3-phase, split phase | 3-phase | | single, dual, 3-phase | single, split, 3-phase | single, 3-phase | |
| **Notes** | | | 2 blades | Tail furl | Passive pitch | | Tail fin | Passive furling |
| | | | | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **TN535 10kW** | **C&F15** | **Westwind 15kW** | **C&F20** | **Westwind 20kW** | **Gazelle 20kW** | **Enviko 20kW** | **ReDriven 20kW** | **Endurance** | **C&F50** |
| 2.5 | 1.5 | | 1.5 | 2.77 | 4 | 2 | 2 | 3.5 | 2.8 |
| 7.5 | 9 | | 9 | 14 | 13 | 12 | 11.7 | 9.5 | 9.5 |
| | 29,078 | | 43,799 | 28,095 | | 14900 | | 120,000 | 117,000 |
| 47,210 | 42,948 | | 63,475 | 43,274 | | 17,520 | | 170,000 | 165,000 |
| 15,18,24 | 15,20 | 15,18,22 | 20 | 15,18,22 | 13 | 18 | 12 | 24, 36.5 | 24, 30 |
| 13.2 | 11.1 | | 13.1 | 10.2 | 11 | 10 | 10 | 19.2 | 21 |
| | X | X | X | | | X | | √ | X |
| | √ | | √ | √ | | | | √ | √ |
| | √ | X | √ | X | X | Motor control | | X | √ |
| >45dBA Penalty | 42.9dBA | | 45dBA | 45dBA | | | | | 44dBA |
| | √ | | √ | | | | | √ | √ |
| | Upwind | | Upwind | | Downwind | Upwind | | Downwind | Upwind |
| | 5 Years | Std 2 years; optional up to 10 years | 5 Years | | | 1 year | | 5 year | 5 Years |
| 20 years | 20+ years | | 20+ years | | | | | | 20+ years |
| | single, split, 3-phase | single, split, 3-phase | single, split, 3-phase | | 3-phase | | | | single, 3-phase |
| | | Undergoing MCS Auto tail furl | | Auto tail furl | Not MCS | Not MCS | Not MCS | Draws power to start | |
| | | | | | | | | | |