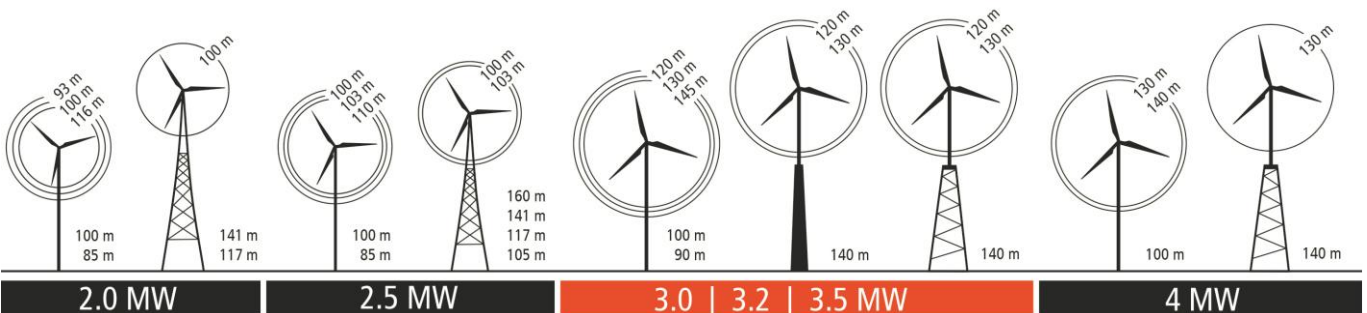


Rated Power: 3.5 MW
 Rotor diameter: 120 m
 Wind class: IEC 2a
 Drive train: LARUS Compact® Mid speed

TECHNOLOGY ON DEMAND



TECHNICAL DATA

| | |
|--------------------------------------|--|
| Rated power | 3.5 MW |
| Rotor | 120 m |
| Wind class | IEC 2a |
| Cut-in wind speed | 3 m/s |
| Rated wind speed | 13 m/s |
| Cut-out wind speed | 25 m/s |
| Sound power | 106.9 db(A) |
| Hub height tubular tower | 90 m 100 m |
| Hub height hybrid tower and K-Tower | 140 m |
| Drive train concept - LARUS Compact® | Mid speed compact drive train in combination with torque bearing as a Plug & Play system |
| Electrical configuration | Medium-speed PMG with full-scale converter technology, IGBT-Converter, |
| Power control - LARUS Smart® | Triple independent pitch system |
| Safety system - LARUS Safe® | Matrix safety system |

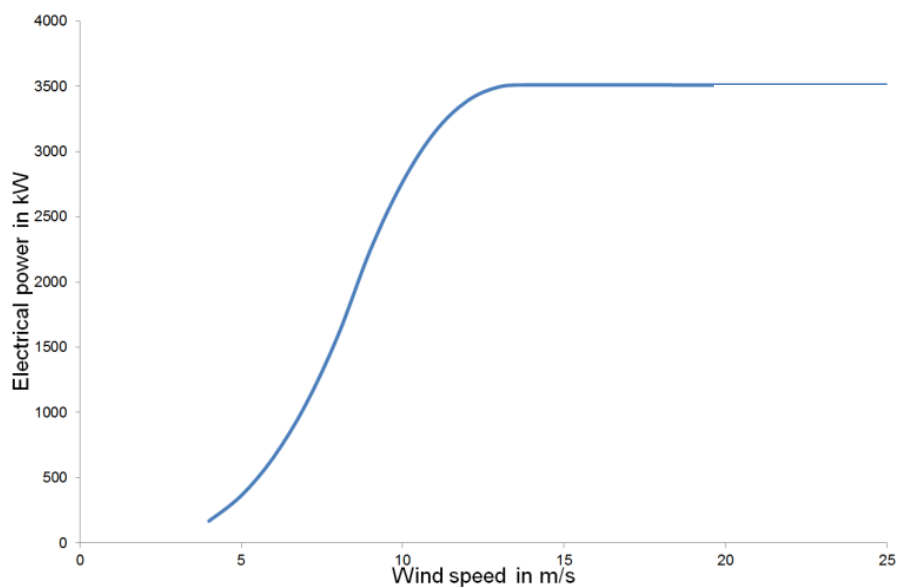
POWER CURVES*

| V _{WIND} [m/s] | Power [kW] |
|-------------------------|------------|
| 3 | 39 |
| 4 | 168 |
| 5 | 363 |
| 6 | 657 |
| 7 | 1,062 |
| 8 | 1,592 |
| 9 | 2,245 |
| 10 | 2,767 |
| 11 | 3,150 |
| 12 | 3,387 |
| 13 | 3,496 |
| 14 | 3,500 |
| 25 | 3,500 |

ANNUAL YIELD*

| V _{WIND} [m/s] | Yield [MWh] |
|-------------------------|-------------|
| 5.0 | 5,753 |
| 5.5 | 7,207 |
| 6.0 | 8,684 |
| 6.5 | 10,142 |
| 7.0 | 11,548 |
| 7.5 | 12,881 |
| 8.0 | 14,127 |
| 8.5 | 15,274 |

* Standard conditions and calculations acc. to IEC 61400-12



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