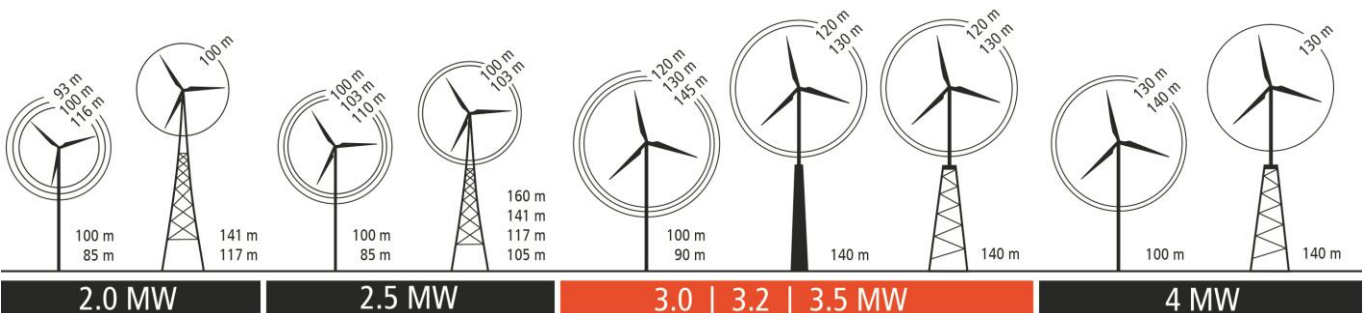


Rated Power: 3.0 MW
 Rotor diameter: 120 m
 Wind class: IEC 2a
 Drive train: LARUS Compact® with HybridDrive

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TECHNICAL DATA

| | |
|--------------------------------------|---|
| Rated power | 3.0 MW |
| Rotor | 120 m |
| Wind class | IEC 2a |
| Cut-in wind speed | 3.0 m/s |
| Rated wind speed | 12.5 m/s |
| Cut-out wind speed | 25.0 m/s |
| Sound power | 106.5 db(A) |
| Full load hours Capacity factor | 4,740 h 54% |
| Hub height tubular tower | 90 m 100 m |
| Drive train concept - LARUS Compact® | HybridDrive in combination with torque bearing as a Plug & Play system |
| Electrical configuration | Medium-speed PMG with full-scale converter technology, IGBT converter, 50/60 Hz, 3 independent 3-phase windings |
| Power control - LARUS Smart® | Triple independent pitch system |
| Safety system - LARUS Safe® | Matrix safety system |

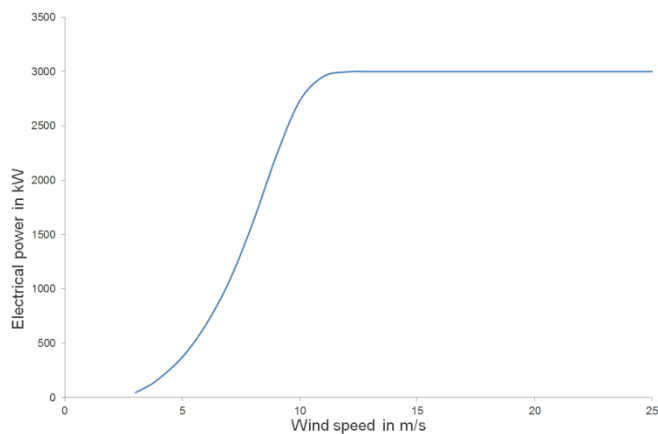
POWER CURVE*

| V _{WIND} [m/s] | Power [kW] |
|-------------------------|------------|
| 3 | 47 |
| 4 | 175 |
| 5 | 373 |
| 6 | 671 |
| 7 | 1,073 |
| 8 | 1,609 |
| 9 | 2,225 |
| 10 | 2,731 |
| 11 | 2,953 |
| 12 | 2,997 |
| 13 | 3,000 |
| 14 | 3,000 |
| 25 | 3,000 |

ANNUAL YIELD*

| V _{WIND} [m/s] | Yield [MWh] |
|-------------------------|-------------|
| 5.0 | 5,779 |
| 5.5 | 7,135 |
| 6.0 | 8,485 |
| 6.5 | 9,793 |
| 7.0 | 11,032 |
| 7.5 | 12,188 |
| 8.0 | 13,252 |
| 8.5 | 14,219 |

* Standard conditions and calculations acc. to IEC 61400-12
Measured power curves on request



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