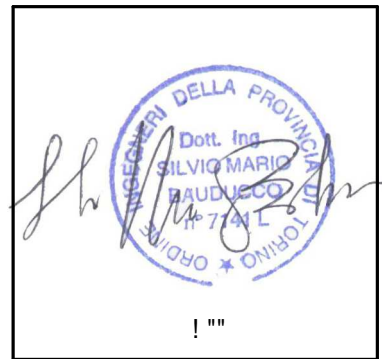


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V162-6.2 MW™ IECS

Facts & figures

POWER REGULATION Pitch regulated with variable speed

OPERATING DATA

Rated power 6,200kW
 Cut-in wind speed 3m/s
 Cut-out wind speed* 25m/s
 Wind class IECS
 Standard operating temperature range from -20°C to +45°C
 *High Wind Operation available as standard

SOUND POWER

Maximum 104.8dB(A)*
 *Sound Optimised Modes available dependent on site and country

ROTOR

Rotor diameter 162m
 Swept area 20,612m²
 Aerodynamic brake full blade feathering with 3 pitch cylinders

ELECTRICAL

Frequency 50/60Hz
 Converter full scale

GEARBOX

Type two planetary stages

TOWER

Hub height 119m (IECS/DiBt S)
 125m (IECS)
 166m (IECS/DiBt S)
 169m (DiBt S)

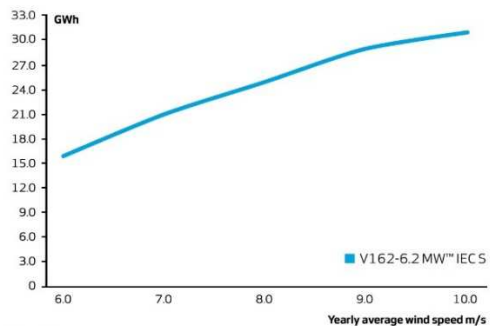
TURBINE OPTIONS

- Condition Monitoring System
- Oil Debris Monitoring System
- Service Personnel Lift
- Low Temperature Operation to -30°C
- Vestas Ice Detection™
- Vestas Anti-Icing System™
- Vestas Shadow Flicker Control System
- Aviation Lights
- Aviation Markings
- Fire Suppression System
- Vestas Bat Protection System
- Lightning Detection System
- Power Optimised Modes

SUSTAINABILITY

Carbon Footprint 6.1g CO₂e/kWh
 Return on energy break-even 6 months
 Lifetime return on energy 39 times
 Recyclability rate 88%
 Configuration: HH=166m, Vavg=8.5m/s, k=2.48. Depending on site-specific conditions. Metrics are based on a preliminary stream-lined analysis. An externally-verified Lifecycle Assessment will be made publicly available on vestas.com once finalised.

ANNUAL ENERGY PRODUCTION



Assumptions
 One wind turbine, 100% availability, 0% losses, k factor = 2,
 Standard air density = 1.225, wind speed at hub height



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