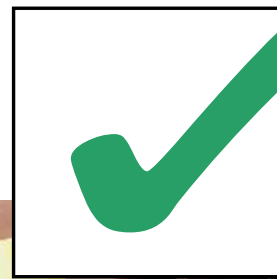


WINDPOWER

Choose your REQUIREMENTS



tailored to your needs

wind.energy@ingeteam.com

Ingeteam

THE ELECTRICAL SYSTEM FOR YOUR WIND TURBINE

COMPONENTS

- Power Converter
- Electric Generator
- PLC
- Electrical Control Cabinet
- SCADA System
- Electrical Pitch Control

Power output

Rated voltage

Power factor range

TECHNOLOGY

- Doubly Fed
- Full converter
- Asynchronous generator
- Synchronous generator with excitation
- Permanent magnet generator

FREQUENCY

- 50 Hz
- 60 Hz
- 50/60 Hz

Temperature range

Requested THD

Maximum dimensions

COOLING PREFERENCE

- Water
- Air

GRID CONNECTION

- Main Circuit Breaker
- Main Contactor
- Main fused-switch

GENERATOR CONNECTION

- dU/dt filter
- Circuit breaker
- Contactor
- Switch disconnecter

MAIN CIRCUIT OPTIONS

- Brake chopper
- Excitation for synchronous generator

CERTIFICATIONS

- CE
- UL
- CSA

GRID CODES COMPLIANCE

- Germany
- Spain
- United States
- Other

COMMUNICATIONS

- CAN
- Profibus
- DeviceNet
- Interbus
- Other

PROGRAMMING TOOLS

- IEC 61131-3
- C or C++ languages
- Visual Basic .NET

Other options and comments