V47/660 (Vestas)

**Main data**
- Rated power: 660 kW
- Rotor diameter: 47 m
- Old model
- Class: IEC Ia
- Offshore model: no
- Commissioning: 1997

**Rotor**
- Number of blades: 3
- Type: Pitch
- Swept area: 1734.9 m²
- Power density: 2.63 m²/kW
- Maximum speed: 28.5 rd/min

**Tower**
- Minimum hub height: 40 m
- Maximum hub height: 55 m
- Manufacturer: Vestas

**Weights**
- Nacelle: 20.4 t
- Rotor + hub: 7.2 t
- Tower: 66.4 t
- Total: 94 t

**Gearbox**
- Gearbox: yes
- Stages: 3
- Gear ratio: 53
- Manufacturer: Hansen, Flender, Valmet

**Generator**
- Type: ASYNC
- Number: 1
- Maximum speed: 1650 rd/min
- Voltage: 690 V
- Manufacturer: ABB, Leroy Somer, Weier

**Wind speeds**
- Cut-in wind speed: 4.5 m/s
- Rated wind speed: 14 m/s
- Cut-off wind speed: 25 m/s