

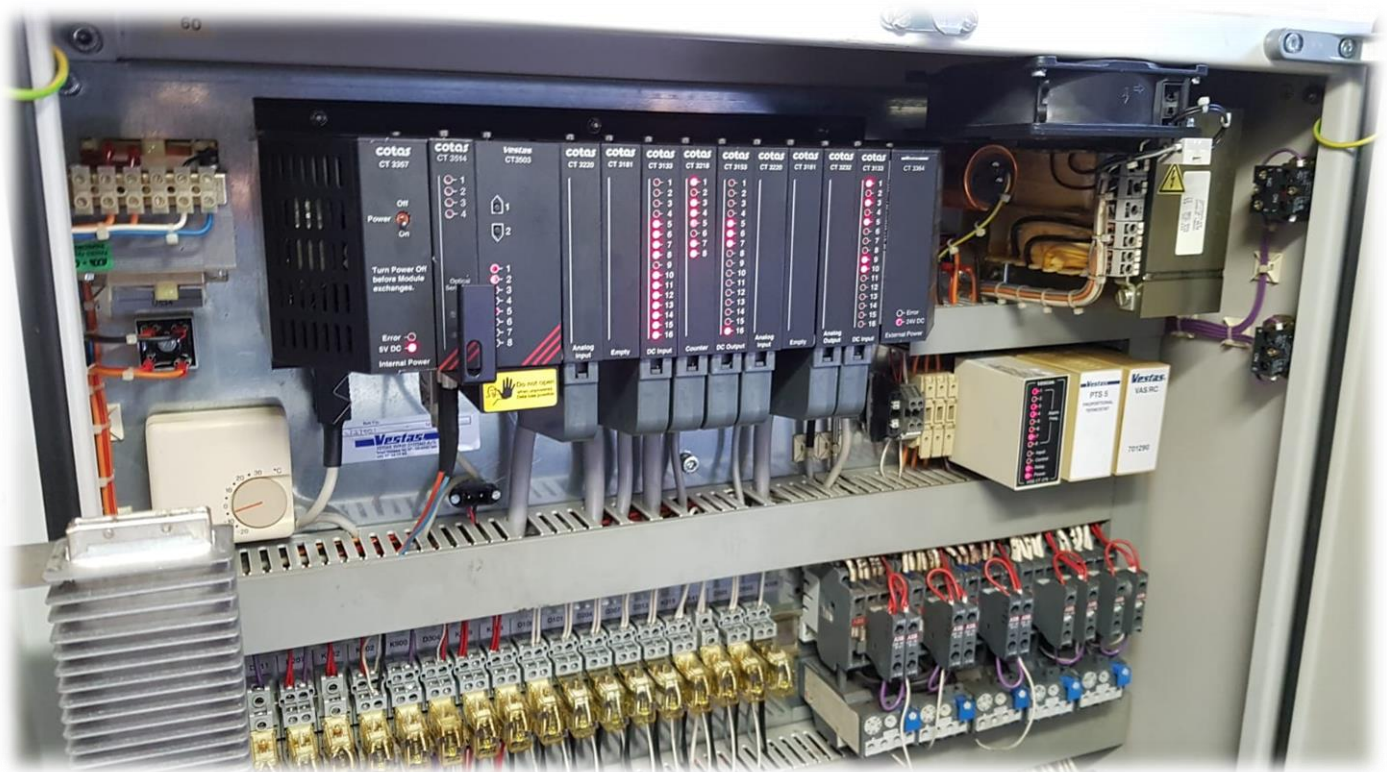
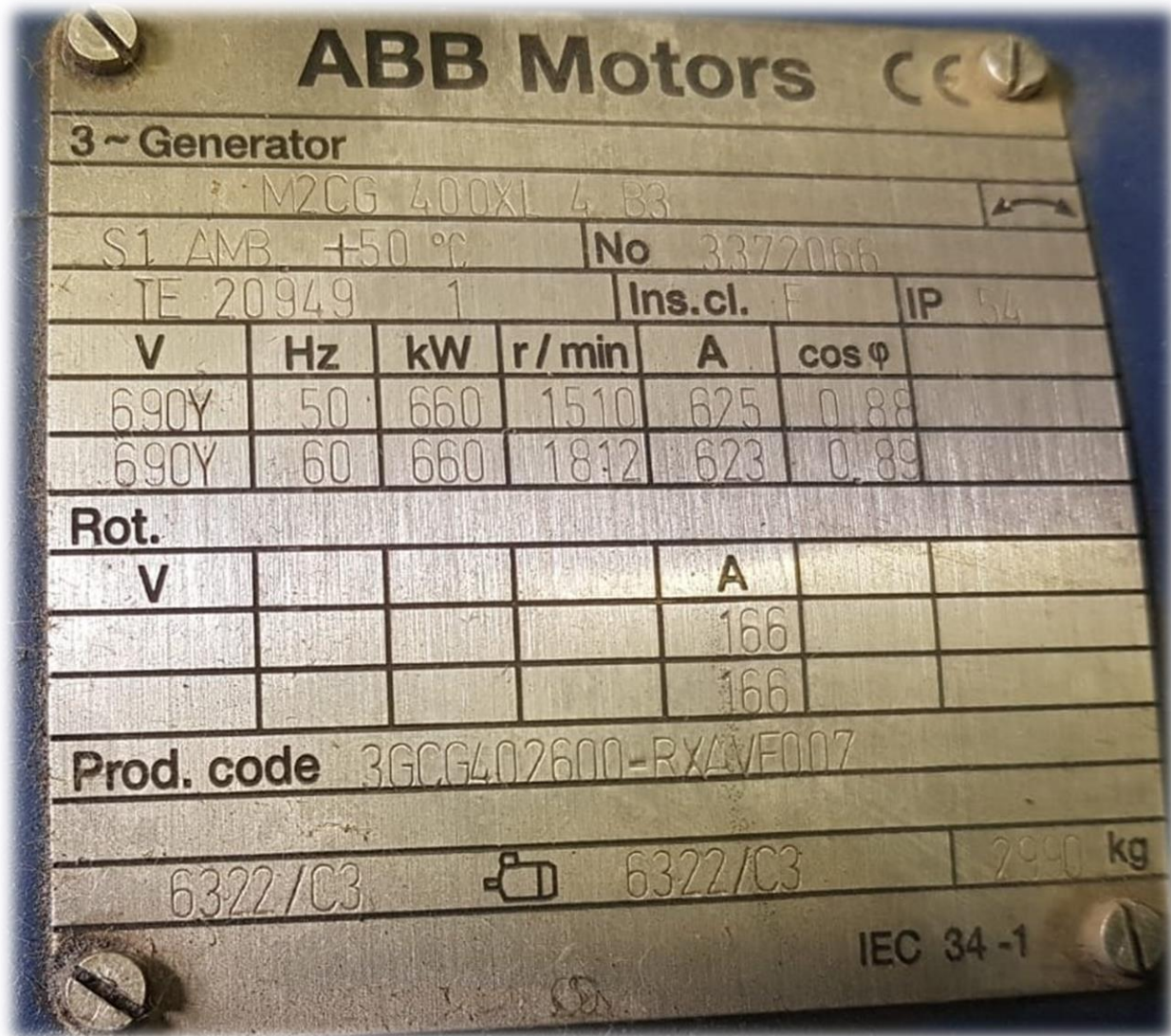
# Vestas V47 - 660 Kw



**Nº: 295**

|                                  |                    |
|----------------------------------|--------------------|
| Unidades /Pieces                 | 1                  |
| Turbina/Turbine :                | Vestas V47         |
| Potencia/Power:                  | 660 Kw             |
| Diámetro rotor / Rotor diameter: | 47 m.              |
| Torre altura/ Tower height:      | 55 m.              |
| Año / Year:                      | 1999               |
| Mantenimiento/Maintenance:       | Vestas             |
| Localización /Location:          | Alemania / Germany |
| Disponible / Available :         | 08-2019            |

**Precio / Price: 71.500.-€ incluido desmonte y carga / incl. .dismantling & loading**



Controller type: VMP 3500 Software release 1.14-R015  
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## 1. Turbine specific information for Turbine 1371

|                          |                                             |                                                 |
|--------------------------|---------------------------------------------|-------------------------------------------------|
| <b>Turbine</b>           | Turbine Type                                | V47                                             |
|                          | Nominal Voltage                             | 690V                                            |
|                          | Nominal Power                               | 660kW                                           |
|                          | Nominal Grid Frequency                      | 50Hz                                            |
|                          | No of Generators                            | 2 Generators                                    |
| <b>Electrical</b>        | Electrical Supervision                      | Germany                                         |
|                          | VAMS                                        | No VAMS                                         |
|                          | Voltage Calibration N1                      | 1411                                            |
|                          | Voltage Calibration N2                      | 1411                                            |
|                          | Voltage Calibration N3                      | 1444                                            |
| <b>Mechanical</b>        | High Friction Pitch Bearings                | High Friction Bearings Not Relevant             |
|                          | Hydraulic Retrofit                          | Hydraulic Retrofit Not Relevant                 |
|                          | Bar Pressure Transmitter                    | Not Relevant                                    |
| <b>Transmission</b>      | Gearbox                                     | Hansen                                          |
|                          | Gearbox Type                                | Gearbox type not relevant                       |
|                          | Oil Condition System                        | No Oil Condition System                         |
|                          | Gear Oil Level Sensor                       | No Gear Oil Level Sensor                        |
|                          | Gear Bearing 2 Supervision                  | No Gear Bearing 2 Supervision                   |
|                          | Gear Ratio                                  | Gear Ratio not relevant                         |
|                          | Inline Gear Oil Filter (Bypass) Supervision | Gear Oil Filter Supervision not installed       |
| <b>Generator</b>         | Generator                                   | ABB                                             |
|                          | RCC Type                                    | VRCC Type                                       |
|                          | Generator Serial Number                     | Below 3393196                                   |
|                          | Too many changes gen 1/2                    | No Problem                                      |
| <b>Tower</b>             | Tower Height                                | Tower Height not relevant                       |
|                          | Blades                                      | Normal Blades                                   |
| <b>SiteInfo</b>          | Temperature Condition                       | Normal Temperature                              |
|                          | Height above Sea Level                      | 200 m - 399 m                                   |
|                          | Derate Function                             | No derate function                              |
|                          | Site                                        | Other Sites                                     |
|                          | Lightning detector                          | No lightning detector                           |
|                          | Anemometer Nacelle                          | Vestas Cup Anemometer M99                       |
|                          | Anemometer Tower                            | No Anemometer Tower                             |
|                          | Special Partial Load Controller             | No Partial Load                                 |
|                          | Partial Load and Defect Anemometer          | Partial Load and Defect Anemometer not relevant |
|                          | Stall Power Curve                           | No Stall Power Curve                            |
| <b>PhaseCompensation</b> | Gnd Controller Cabinet                      | 1996 to 2000 No 1 225 kVar (V39-V47)            |
|                          | Configuration of Capacitor Banks            | Capacitor Standard                              |
|                          | Operation Mode                              | Kvar Control (V39-V47 and V80)                  |
| <b>NoiseSetting</b>      | OptiTip                                     | No Noise Reduction (Standard)                   |
|                          | Environment Stop                            | Normal function                                 |
| <b>TurbineSetup</b>      | Turbine Number                              | 1371                                            |
|                          | Nacelle Pos. Offset (CW) E-1                | 0                                               |
|                          | Setup of kW Nominel Power                   | Standard                                        |
|                          | kW Power Nominel                            | 660                                             |

