

Unit Certificate

No.: FGH-E-2026-002
Duly signed copy No. 1

Manufacturer	ENERCON Global GmbH Dreerkamp 5, 26605 Aurich, Germany	
Type	Wind Turbine Power Generating Unit	ENERCON E-138 EP3 E3 in the configurations FT/FTQ/FTS/FTQS
Ratings	Rated active power: Maximum active power: Rated Voltage: Nominal frequency: Converter type: Converter control:	$P_{rE} = 4260$ kW (standard) $P_{rE} = 4500$ kW (mode: OM-YO-11) $P_{Emax} = 4328$ kW (standard) $P_{Emax} = 4562$ kW (mode: OM-YO-11) $U_r = 750$ V $f_n = 50$ Hz ENERCON B2B FL PI-CC V1.x For further ratings and technical data see section B, page 3
Required additional component	Power plant controller ENERCON SCADA Farm Control Unit (FCU E2)	
VDE application guide	VDE-AR-N 4110:2023-09 VDE-AR-N 4120:2018-11 VDE-AR-N 4130:2018-11	
Certification scheme	FGW Technical Guideline No. 8, Rev. 9 FGH Certification Body Z 412, Rev. 15	
Applicable guidelines	FGW Technical Guideline No. 3, Rev. 26 FGW Technical Guideline No. 4, Rev. 10	

The above-mentioned power generating units (PGU) fulfil the requirements for PGU contained in the above-mentioned VDE application guide if the software settings are appropriate and the above-mentioned power plant controller is integrated. The summary of the conformity assessment as well as the remarks in section E.3 shall be observed. The following restrictions and deviations apply:

- None

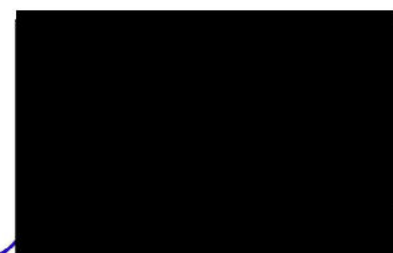
The manufacturer has provided evidence of the certification of its quality management system according to ISO 9001:2015 (see section D.4).

The certificate contains the following information:

- Technical data of the PGU, the auxiliary equipment and software versions
- Schematic structure of the PGU
- Summarised information on the characteristics of the PGU.

This certificate consists of 17 pages (cover sheet and sections A to F) and the annexes A to D.
The certificate is valid until 8th April 2031.

Aachen, 9th April 2026



Dr.-Ing. Mark Meuser

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