

Inquiry Form for permanent magnet synchronous generators

Sender			
Company:		Contact partner:	
		Phone:	
Address:		Fax:	
		E-Mail:	

Spare parts			
<p>→ If you wish to request a quote for spare parts, please only fill out the section highlighted in gray. It is not possible to provide a quote without a serial number.</p>			
Serial number:		Order number (optional):	
End customer / Country of end customer:			

New device

1 Application:

Field of application	
<input type="checkbox"/> Wind power	<input type="checkbox"/> Water power
<input type="checkbox"/> Generator (CHP, diesel)	<input type="checkbox"/> Other application:
<input type="checkbox"/> Other (description):	

Connection drive machine to generator

- Drive axial via coupling/gearbox
- Drive radial via flange or toothed belt (please state radial forces, if known: F_r : N)

2 Number of items	3 Date when required / Delivery date:
.....

4 Rated output:	5 Rated speed:
.....

6 Maximum speed:	7 Maximum allowable shaft torque: (if known)
.....

8 Duty cycle (based on rated output):		
<input type="checkbox"/> Continuous duty (S1)	<input type="checkbox"/> Intermittent duty (S2 – min) (please enter period in minutes)	<input type="checkbox"/> Periodic duty (S3 – %) (please enter ON time in %)
<input type="checkbox"/> Other (description):		

9 Rated data voltage (for rated speed):

- Option 1 (AC output generator): Without rectifier or rectifier installed on-site in the customer's electrical cabinet
 No-load voltage: VAC_{Ph-Ph} Rated voltage: VAC_{Ph-Ph}
- Option 2 (DC output generator): Rectifier installed in the terminal box of generator
 No-load voltage: VDC Rated voltage: VDC

10 Data of connected components / consumer units (generator side):

- Inverter/charge controller (data) Type/designation (Please attach data sheet)
 Maximum allowable input voltage: VAC_{Ph-Ph} or VDC (to avoid damaging electronics)
 Input voltage range: - VAC_{Ph-Ph} or - VDC (for power take-off)
 Input current (nominal value): AAC_{Ph-Ph} or ADC (allowable current during continuous duty S1)
 Max. allowable input frequency: Hz (for AC voltage input inverter, if known)



➔ Please attach performance characteristic according to speed.

- Resistive load / resistance
 Resistance: Ω Maximum resistance power: W or current: A
 Connect resistors: DC voltage (output rectifier +/-) AC voltage (output generator L1/L2/L3)
 ➔ please attach circuit diagram.
- Operation as off-grid power network
 Frequency: 50 Hz 60 Hz at constant, controlled speed (customer side)
 Allowable lower voltage limit: VAC_{Ph-Ph} at full rated output (constant speed)
 Allowable upper voltage limit: VAC_{Ph-Ph} without decline in performance (constant speed)

11 Winding cover:

- Without winding cover PT100 (2-wire) Microtherm switch (NC) Other:

12 Construction (see also dimension drawing / table on homepage):

- B3 (foot) B5/A A4 (hollow shaft construction without own bearing assembly):
  (flange) ➔ (Please describe dimensions of existing shaft end incl. attachment flange – attach drawing, if necessary)
- Other: ➔ (please describe/attach drawing)
- Other special characteristics / description:

13 Degree of protection:

- IP23 IP55 (standard) IP

14 Temperature range:

- 20°C to +40°C Other:

15 Miscellaneous:

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