

THE PARTZSCH UNIVERSAL GENERATOR

POWER FOR YOUR VISION

PARTZSCH

GENERATOR FAILURE – *NOT WITH US*

A generator failure can result in considerable production and profit losses. However, this can be avoided. We have developed the universal generator so that your system does not come to a standstill while your generator is being serviced or repaired by us. Our in-house design from PARTZSCH ensures a continued production without long downtimes. This keeps your processes efficient and your profits secure.

Please contact us and we will find the optimal solution for you!

Advantages of the universal generator

- ***Universally applicable:***
  Voltage range 6.0 – 11 kV
- ***Flexibly adaptable:***
  Compatible with various existing mechanical interfaces
- ***Quickly available:***
  Installation within a very short time
- ***Full service:***
  · Rental and complete handling by PARTZSCH
  · Repair of your original generator by our team of experts
- ***Cost efficiency:***
  Reduced costs due to shorter downtime



Removal of the damaged generator by our expert staff

FOUR SPECIALIZED COMPANIES *UNDER ONE ROOF*

The PARTZSCH Group specializes in the repair, maintenance and manufacture of electrical machines – whether AC or DC. We guarantee a manufacturer- and brand-independent, fast and individual repair service! The PARTZSCH Group's quality management system is certified to ISO 9001:2015.

PARTZSCH

- PARTZSCH ELEKTROMOTOREN
- PARTZSCH WINDGENERATOREN SERVICE
- PAMO REPARATURWERK
- PARTZSCH SPEZIALDRÄHTE

Our range of services for your generators:

- New development of rotors and stators regardless of brand/manufacture
- Individual design modifications according to your ideas
- Spare parts production and delivery
- Efficiency optimization
- Electrical measurements and tests, partial discharge measurements, various tests
- Generator protection tests
- Assembly and commissioning of excitation systems
- Technical commissioning – report with the collected data, analyses and evaluations of all tested operating conditions
- Preventive maintenance and diagnostic measurements (monitoring)
- Mechanical repairs
- Alignment of the machine set
- Retrofitting of new control systems
- Dry ice cleaning
- Partial discharge measurements



Fast, reliable, cost-saving : the PARTZSCH universal generator at a glance.

This is how the repair of your generator works

- Delivery of the drawing and electrical circuit diagram of the original generator by the customer
- On-site inspection to validate the information
- Dismantling of the damaged generator and transportation to our factory for repair
- Installation of the universal generator (positioning, electrics, mechanics, oil and water lines)
- Adjustment of the voltage regulator
- Adjustment of the generator protection
- Commissioning and complete turnkey installation
- Reverse transaction after repair by PARTZSCH

1. Main terminal box
2. Direction of rotation of the shaft end
3. Bearing
4. Mechanical equipment
5. Cooling
6. AVR/voltage regulator

Check out the 3D model here:

Characteristics

Voltage (in kV)	**Power** (in kVA)	**Amperage** (in A)	**Cos phi**	**Speed** (in rpm)	**Frequency** (in Hz)
11.0	5,950	312	0.8	1,500	50
10.5	5,780	318	0.8	1,500	50
10.0	5,580	322	0.8	1,500	50
6.3	6,300	577	0.8	1,500	50
6.0	6,230	599	0.8	1,500	50

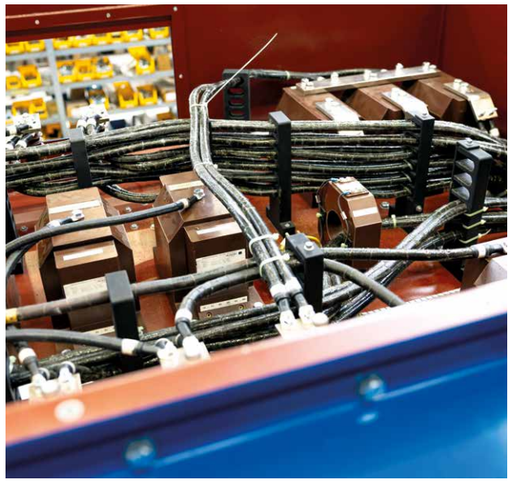
- All values were calculated for utilization class F.
- Cooling air and ambient temperature are assumed to be 40°C.
- The air volume is 2.5 m³/s.







Auxiliary terminal box with voltage regulator



Main terminal box in detail

oberueber-kargerde 10.2026

PARTZSCH

PARTZSCH Group

Daniel-Wilhelm-Beck-Str. 13 · D-04720 Döbeln
Telephone +49 (0) 3431 7166-100
Fax +49 (0) 3431 7166-199
info@partzsch.de

www.partzsch.de