



Soundproofed ROTEK generator 230V / 50Hz (1-phase) with air-cooled 2-cylinder diesel engine and 12kVA (10kW) output power, Type: GD4SS-1A-12000-5ES

- Soundproofed version
- Electronic engine control unit with plain text display
- Display and monitoring of voltage, current, frequency, power, and much more.
- Automatic engine stop in case of engine/generator malfunctions
- Air-cooled 2-cylinder diesel engine with 997cc displacement
- Single-phase 230V/10kW industrial generator section with electronic voltage regulation (AVR regulated)
- Remotely controllable via potential-free switching contact

Soundproofed single-phase generator with an air-cooled, two-cylinder in-line diesel engine for industrial and commercial use.

Power is drawn via two single-phase CEE 230V/32A sockets.
The maximum power draw per socket is approximately 6 kW, limited to a total of 10 kW.

Please note:

**If the total power (10 kW) must be drawn from a single line, the line must be connected directly to the main circuit breaker by a qualified electrician.
No plug connection is provided on the generator for this application – see the user manual for further information.**

The generator is delivered ready for operation with a comprehensive German user and service manual.

Electronic engine control unit:

This generator is equipped with the Rotek ECU-RTG3s engine control unit.

Electronic engine control unit:

This device is equipped with the Rotek ECU-RTG3s engine control unit:
- Display of generator data (current voltage, current, frequency, cosPhi, current total active power in kW, total energy output in kWh)
- Display of engine data (oil pressure, device temperature, alternator voltage, operating hours)
- Monitoring of engine and generator values and emergency stop when individually adjustable limits are exceeded
- Engine start and stop: Manual (via button press), remotely controlled (via an external contact) and automated (according to a predefined schedule)
- Delay times and alarm limits individually adjustable.

We would be happy to offer you optional additional modules such as a battery maintenance charger or a mains transfer switch (ATS unit).

Technical data

Rotek article number	GEN268
EAN Code	9009970021139
Model	GD4SS-1A-12000-5ES
Peak performance (60 min)	12.0 kVA / 10 kW (230V)
Continuous power (12h)	11 kVA / 9kW (230V)
Nominal voltage	230 V, 50 Hz
Power consumption via	2x CEE230V/32A sockets - each socket limited to 7.3kW. Total power consumption only via direct connection to the main fuse.
Generator type	KTS-10/1A-U
Generator design	Single-phase synchronous generator with neutral conductor, brushes
Voltage regulation	electronically regulated
Maximum phase current	52 A sockets with In=28 A current limited
Engine design	2-cylinder in-line diesel engine, direct injection with 997cc displacement
Motor speed controller	mechanically via centrifugal governor
Engine cooling	Forced air cooling via fan wheel and air duct system
fuel	Diesel
Fuel consumption	Idle: 1.9 l/h 5.0kW electrical load: 2.9 l/h 9kW electrical load: 3.5 l/h
Tank volume	25 liters
Engine control	electronic, Type: ROTEK ECU-RTG3s
Dimensions (LxWxH)	1250 x 650 x 900 mm
volume	LWA: 88 dB(A), at 7m: 76 dB
Dead weight	304 kg

Additional information

Gross weight (excluding shipping packaging): 345 kilograms
Gross product dimensions (L x W x H): 1.35 m x 730 mm x 1.07 m

Shipping method: General cargo on pallets
Shipping weight (including outer packaging for 1 unit): 349 kilograms
Shipping dimensions for 1 unit (L x W x H): 1.35 m x 730 mm x 1.07 m

24-month warranty

documentation

- 📄 Device manual (DE)
- 📄 ED4-2R-0997-5E diesel engine (DE)
- 📄 KTS-10-U synchronous generator (DE)
- 📄 ECU-RTG3s Electronic Engine Control Unit (DE)

Product images





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