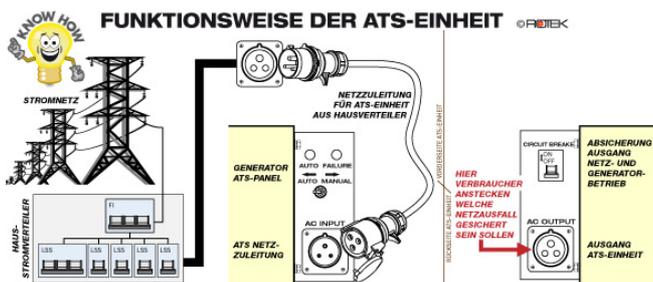


ROTEK diesel generator 230V 50Hz (single-phase), 5.5 kVA, soundproofed with electric start, GD4SS-1A-6000-5EBZ-ATS, with integrated automatic generator start in case of power failure (ATS)

- **Integrated ATS unit:** Automatic motor start in case of power failure (the device can of course also be used in normal operation)
- The generator can also be controlled by a solar inverter (with a small modification).
- **Soundproofed version**
- **1-cylinder 418cc 4-stroke diesel engine with 5.7kW**
- **Single-phase 230V industrial generator section with electronic voltage regulation (AVR regulated)**
- **2x 230V connections (full power can also be drawn from a single socket)**
- **CEE230V/32A device sockets (suitable plug for cable mounting included)**
- **14-liter tank for approximately 7 hours of operation at full load**
- **Automatic engine stop in case of low oil pressure**
- **Electric start including starter battery**
- **Integrated operating hours counter**

Generator with a 1-cylinder, 4-stroke diesel engine in a closed, soundproofed design with automatic start in case of mains failure, suitable for home and commercial use. The generator is an electronically controlled, industrial-grade synchronous generator with a maximum output of 5500 VA / 5.5 kVA. The **integrated** 418cc 4-stroke diesel engine offers low fuel consumption, high power density, and good emissions. A vibration- damped **base** frame and the usual RoteK build quality complete the features. A comprehensive German user and service manual is included. The **automatic start system (ATS)** automatically starts the generator in the event of a mains power failure. The generator is connected between the mains supply and the load. The generator's electronics continuously monitor the mains voltage. Should the mains fail, the electronics immediately start the generator (3-5 seconds) and connect the load to the generator. The electronics monitor the mains voltage even during generator operation. If mains power is present for more than 15 seconds, the electronics switch the load back to the mains and automatically stop the engine. An integrated battery charger ensures that the engine's starter battery is charged during mains operation and thus kept ready for use at all times. The unit can also be operated in off-grid mode (i.e., without a connection to the mains, like a "normal" generator). To do this, simply switch the operating mode selector from AUTO to MANUAL.



Technical data

RoteK article number	GEN240
EAN Code	9009970017675
Model	GD4SS-1A-6000-5EBZ-ATS
Generator type	Single-phase synchronous generator with brushes
Nominal voltage	230V, 50 Hz
Peak performance (at V)	5.5 kVA / 4.6 kW (230V)
Continuous power (at V)	5.0 kVA / 4.1 kW (230V)
Voltage regulation	electronic
Security	Thermal circuit breaker BSB1-30-P20
Operating hours counter	integrated
Battery charger when mains powered	integrated
Maximum switching current of the ATS unit	20 A
ATS connector	CEE230V/32A (suitable CEE plugs for cable mounting included)
Engine type	418 cc 1-cylinder diesel engine, 4-stroke, air-cooled, direct injection
fuel	Diesel
startup system	Electric start (starter battery included)
Tank volume	14 liters
Fuel consumption	Idle: 0.6 l/h 2.3kW Load: 1.1 l/h 3.0kW Load: 1.5 l/h 4.3kW Load: 1.9 l/h
emissions class	Stage-V, EU/2016/1628
Exhaust diameter	Da:38mm
Wheelset	Included in the scope of delivery
Dimensions (W x D x H)	950 x 540 x 700 mm

documentation

- 📖 User manual (German)
- 📖 Information on operation with heating oil (German)

Product images



Weight	145 kg
volume	LWA 91dB(A) / 75dB @ 7m

Additional information

Gross weight (excluding shipping packaging): 157 kilograms
Gross product dimensions (L x W x H): 940 mm x 550 mm x 835 mm

Shipping method: General cargo on pallets
Shipping weight (including outer packaging for 1 unit): 177 kilograms
Shipping dimensions for 1 unit (L x W x H): 1.20 m x 800 mm x 980 mm

24-month warranty

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