



Genset Model:

PG1000RSC

Enclosed set



Open set



Frequency

Phases

Power Factor

Prime Output

Standby Output

50Hz

3

0.8

1000 kVA / 800 kW

1100 kVA / 880 kW

Ratings

- Prime output: This rating is applicable for supplying continuous electrical power at variable load. There is no limitation to the annual hours of operation and this model can supply 10% overload power for 1 hour in 12 hours.
- Standby output: This rating is applicable for supplying electrical power (at variable load) in the event of a utility power failure. No overload is permitted on these ratings.
- Standard reference conditions: 25°C, 100m A.S.L., 30% relative humidity

Design features

- High quality assembly, providing stiffness and low vibration
- Power coated steel. Corrosion and scratch resistant.
- Compact and long service life
- Wiring and connectors with double protection.
- Protection guards in radiator and high voltage parts.
- Full 12 month YorPower warranty

Design Standards

- CE marking
- ISO8528-1995
- GB/T2820-1997
- ISO 9001:2008 Registered Company

Configuration

- 4-Stroke water-cooled diesel engine.
- Industrial silencer.
- Coolant recovery tank
- Single bearing, 4 pole brushless alternator.
- Anti vibration mountings
- Integral fuel tank with fully banded base protection.
- Fuel level sensor
- Auto start control system with electronic digital control module DSE7420
- Output circuit breaker.
- Emergency stop button
- High engine temperature and low oil pressure shutdown system.
- 24V starter battery with leads and switch

Acoustic canopy features

- Water and dust proof design
- Door locks
- High quality sound absorbing and fire retardant inner material
- Lifting lugs
- Forklift holes in base

** The images above are for illustration purposes only.



Engine data

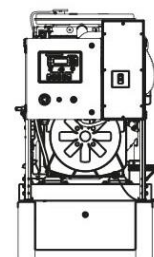
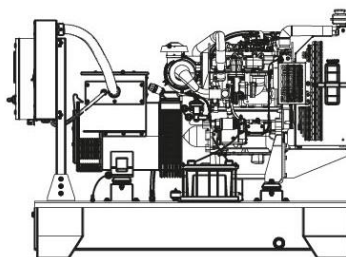
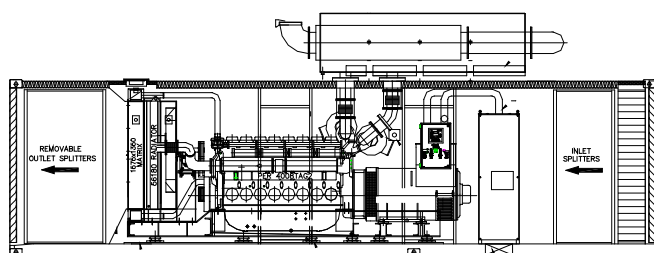
Engine brand	Perkins	Total coolant capacity	149 Litres
Engine model	4008TAG2A	Total lube oil capacity	153 Litres
Engine speed	1500 RPM	Cooling air flow	TBC
Number of cylinders	8	Exhaust gas flow	200 m ³ /min
Aspiration	Turbocharged & Aftercooled	Exhaust gas temperature	465°C
Combustion system	Direct injection	Fuel cons. @ 110% standby load	286 l/hr
Displacement	30.56 Litres	Fuel cons. @ 100% Prime load	226 l/hr
Governor type	Electronic	Fuel cons. @ 75% Prime load	163 l/hr
Cooling system	Water Cooled	Fuel cons. @ 50% Prime load	109 l/hr

Alternator data

Alternator brand	Leroy Somer	Number of wires	6
Alternator model	LSA49.1L11	AVR model	R 450
Excitation	AREP or PMG	Voltage regulation	± 0.5%
Insulation class	H	Total Harmonic distortion	< 4%
Drip proof protection	IP23	Telephone interference	TIF < 50%
Winding pitch	2/3 (N° 6S)	Flanges and shield	Cast Iron

Enclosed set data

Open set data



L x W x H (mm)	Weight	Fuel tank	Noise@7M
6058 x 2438 x 2730	11760 kg	1150 Litres	76db

L x W x H (mm)	Weight	Fuel tank	Noise@7M
4566 x 2046 x 2279	6246 kg	N/A	110db

** Due to constant innovation, design and specifications are subject to change without notice.

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