

Genset
Model: **YXP900RSC**

Enclosed set



Open set



Frequency	Phases	Power factor	Prime output	Standby output
50Hz	3	0.8	900 kVA / 720 kW	990 kVA / 792 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.
- Powder 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 bounded base protection.
- Fuel level sensor.
- Auto start control system with electronic digital control module DSE7420 as standard.
- 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.

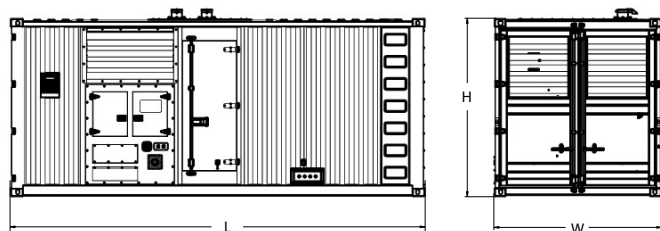
Engine data

Engine brand	Perkins	Total coolant capacity	149 Litres
Engine model	4008TAG2A	Total lub oil capacity	153 Litres
Engine Speed	1500 RPM	Cooling air flow	TBC
Number of cylinders	8	Exhaust gas flow (max)	200 m³/min
Aspiration	Turbocharged & Aftercooled	Exhaust gas temperature (max)	465 °C
Combustion system	Direct injection	Fuel cons. @ 100% 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

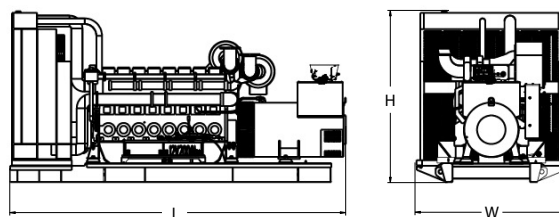
Alternator brand	Leroy Somer	Number of wires	6
Alternator model	LSA49.1L10	AVR model	R 450
Excitation	AREP or PMG	Voltage regulation	± 0.5%
Insulation class	H	Total Harmonic distortion	< 4%
Drip proof protection	IP23	Telephone interference	TIF < 50%
Winding pitch	2/3 (N° 6S)	Flanges and shield	Cast iron

Enclosed set data



L x W x H (mm)	Weight	Fuel tank	Noise@7m
6058 x 2438 x 2730	11230 kg	1150 Litres	76 db

Open set data



L x W x H (mm)	Weight	Fuel tank	Noise@7m
4735 x 2046 x 2335	6122 kg	N / A	110 db

** Due to constant innovation, design and specifications are subject to change without notice. All weights, dimensions and noise levels are subject to a 10% tolerance.

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