

Genset
Model:

YXP1250RS & YXP1250RSC

Enclosed set



Frequency	Phase	Power Factor	Prime Output	Standby
50Hz	3	0.8	1250 kVA / 1000 kW	1375 kVA / 1100 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 humidit

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.

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. **(enclosed unit only)**
- Auto start control system with electronic digital control module DSE7420.
- Output circuit breaker. **(enclosed set only)**
- 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.

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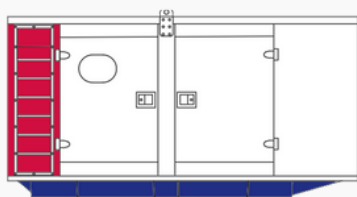
Engine data

Engine brand	Perkins	Total coolant capacity	196 Litres
Engine model	4012-46TWG2A	Total lube oil capacity	177 Litres
Engine speed	1500 RPM	Cooling air flow	TBC m ³ /min
Cylinders	12	Exhaust gas flow	230 m ³ /min
Aspiration	Turbo Charged - Aftercooled	Exhaust gas temperature	422 °C
Combustion system	Direct injection	Fuel cons. @ 110% standby load	288 l/hr
Displacement	30.56 Litres	Fuel cons. @ 100% Prime load	259 l/hr
Governor type	Electronic	Fuel cons. @ 75% Prime load	196 l/hr
Cooling System	Water	Fuel cons. @ 50% Prime load	143 l/hr

Alternator data

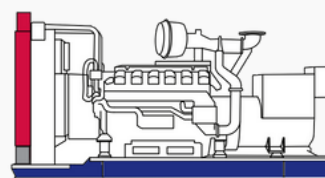
Alternator brand	Leroy Somer	Number of wires	6
Alternator model	LSA50.2M6	Flanges and shield	Cast iron
Excitation	AREP or PMG	Voltage regulation	± 0.5%
Insulation class	H	Total Harmonic distortion	< 4%
Drip proof protection	IP23	AVR	R 450
Winding pitch	2/3 (N° 6S)	Power factor	0.8

Enclosed set data



W x L x H (mm)	Weight	Fuel tank	Noise@7M
2438 x 6058 x 2730	11760 kg	1150 L	110 db

Open set data



W x L x H (mm)	Weight	Fuel tank	Noise@7M
2046 x 4680 x 2385	9403 kg	N/A	N/A

** The images are for illustration purposes only.

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