

Genset
Model:

YXP1250RS

Enclosed set

Open set



Frequency	Phases	Power Factor	Prime Output	Standby Output
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 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
- 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

** The images above are for illustration purposes only.

Engine data

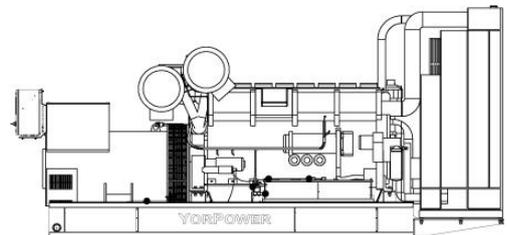
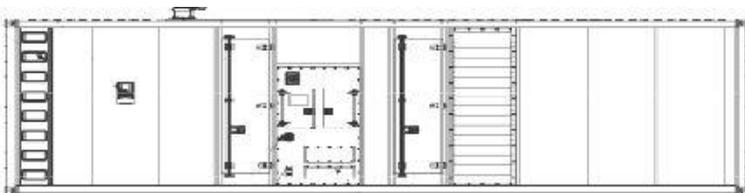
Engine brand	Perkins	Total coolant capacity	196 Litres
Engine model	4012-46TWG2A	Total lube oil capacity	177 Litres
Engine speed	1500 RPM	Cooling air flow	TBC
Number of cylinders	12	Exhaust gas flow	230 m³/min
Aspiration	Turbocharged & Aftercooled	Exhaust gas temperature	422°C
Combustion system	Direct 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 Cooled	Fuel cons. @ 50% Prime load	143 l/hr

Alternator data

Alternator brand	Leroy Somer	Number of wires	6
Alternator model	LSA50.2M6	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%, FHT < 2%
Winding pitch	2/3 (N° 6S)	Flanges and shield	Cast Iron

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L x W x H (mm)	Weight	Fuel tank	Noise@7M
12192 x 2438 x 3159	19469 kg	2000 Litres	76db

L x W x H (mm)	Weight	Fuel tank	Noise@7M
4680 x 1800 x 2385	9403 kg	N/A	118db

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