

Genset
Model:

YXC1100RS

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

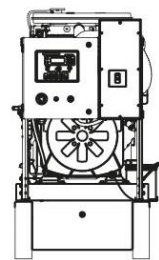
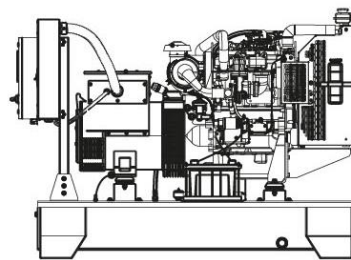
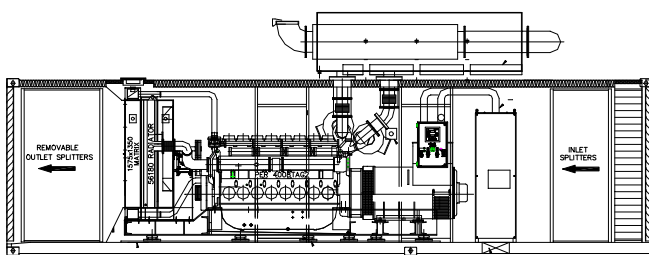
Engine brand	Cummins	Total coolant capacity	79 Litres
Engine model	QST30-G4	Total lube oil capacity	154 Litres
Engine speed	1500 RPM	Compression Ratio	14.0:1
Number of cylinders	12	Maximum Back Pressure	51 mm Hg
Aspiration	Turbocharged and Low Temperature Aftercooled	Fuel cons. @ 110% standby load	224 l/hr
Bore and stroke	140mm x 165mm	Fuel cons. @ 100% Prime load	202 l/hr
Displacement	30.48 Litres	Fuel cons. @ 75% Prime load	151 l/hr
Fuel system	Direct Injection	Fuel cons. @ 50% Prime load	102 l/hr

Alternator data

Alternator brand	Newage Stamford	Stator Winding	Double layer LAP
Alternator model	HCI634J	AVR model	MX321
Excitation	Self excited	Voltage regulation	± 0.5%
Insulation class	H	Winding Leads	6
Drip proof protection	IP23	Telephone interference	TIF < 50%, THF < 2%
Winding pitch	2/3	Waveform Distortion	No load < 1.5%

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L x W x H (mm)	Weight	Fuel tank	Noise@7M
6058 x 2438 x 2591	12960 kg	1450 Litres	TBC

L x W x H (mm)	Weight	Fuel tank	Noise@7M
4410 x 1940 x 2370	6845 kg	NO FUEL TANK	TBC

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

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