

Genset
Model:

YXC1675RS

Enclosed set



Open set



Frequency	Phases	Power Factor	Prime Output	Standby Output
50Hz	3	0.8	1500 kVA / 1200kW	1675 kVA / 1640 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

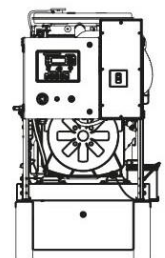
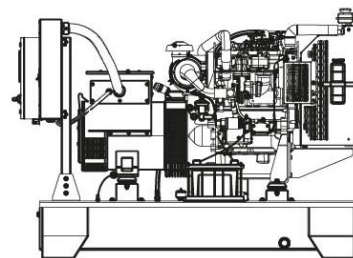
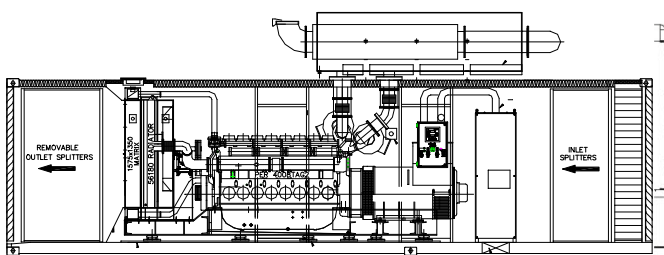
Engine brand	Cummins	Total coolant capacity	165 Litres
Engine model	KTA50GS8	Total lube oil capacity	204 Litres
Engine speed	1500 RPM	Compression Ratio	14.9:1
Number of cylinders	16	Maximum Back Pressure	51mm Hg
Aspiration	Turbocharged and Low Temperature Aftercooled	Fuel cons. @ 110% standby load	345 l/hr
Bore and stroke	159mm x 159mm	Fuel cons. @ 100% Prime load	309 l/hr
Displacement	50.3 Litres	Fuel cons. @ 75% Prime load	238 l/hr
Fuel system	Direct Injection	Fuel cons. @ 50% Prime load	167 l/hr

Alternator data

Alternator brand	Newage Stamford	Stator Winding	Double layer LAP
Alternator model	PI734C	AVR model	MX341
Excitation	Self excited	Voltage regulation	± 1.0%
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
12192 x 2438 x 2896	23560 kg	2500 Litres	TBC

L x W x H (mm)	Weight	Fuel tank	Noise@7M
5230 x 2230 x 25502	11560 kg	NO FUEL TANK	TBC

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

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