

Genset

Model:

YC28RSC

Enclosed set



Frequency	Phases	Power Factor	Prime Output	Standby Output
50Hz	3	0.8	25 kVA / 20 kW	28 kVA / 22 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 9001:2015 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
- Output circuit breaker.
- Emergency stop button
- High engine temperature and low oil pressure shutdown system.
- 12V 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.

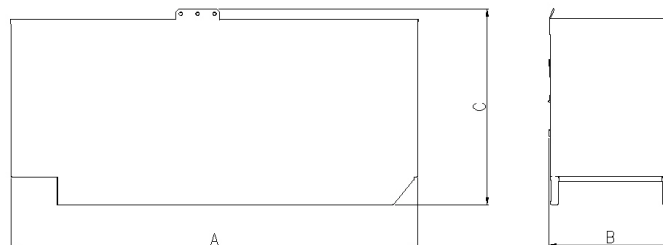
Engine data

Engine brand	Cummins	Total coolant capacity	15 Litres
Engine model	X2.5G2	Total lube oil capacity	7.3 Litres
Engine speed	1500 RPM	Cooling air flow	0.78
Number of cylinders	3	Exhaust gas flow	N/A
Aspiration	Natural	Exhaust gas temperature	660°C
Combustion system	Direct Injection		
Piston Speed m/s	6.35	Fuel cons. @ 100% Prime load	6.00 l/hr
Governor type	Mechanical - Std	Fuel cons. @ 75% Prime load	4.8 l/hr
Cooling system	Water Cooled	Fuel cons. @ 50% Prime load	2.7 l/hr

Alternator data

Alternator brand	Stamford	Number of wires	12
Alternator model	S0L2M1	AVR model	AS540
Excitation	Self excited	Voltage regulation	± 1.0%
Insulation class	H	Total Harmonic distortion	No load < 5%, on load < 3%
Drip proof protection	IP23	Telephone interference	TIF < 50%
Winding pitch	2/3	Stator Winding	Double Layer Concentric

Enclosed set data



L x W x H (mm)	Weight	Fuel tank	Noise@7M
2082 x 987 x 1525	928 kg	150 Litres	64dBA

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