

Genset
Model:

YXP1850RSC & RS

X-Series

Enclosed set



Open Set



*** The images are for illustration purposes only.*

Frequency	Phase	Power Factor	Prime Output	Standby
50Hz	3	0.8	1850 kVA / 1480 kW	2000 kVA / 1600 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
- ISO8528.5
- GB/T2820.5
- ISO 9001

Configuration

- 4-Stroke water-cooled diesel engine.
- Industrial silencer.
- Single bearing, 4 pole brushless alternator.
- Anti vibration mountings
- Integral fuel tank with bunded base protection. **(enclosed unit only)**
- Fuel level sensor **(enclosed set 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.

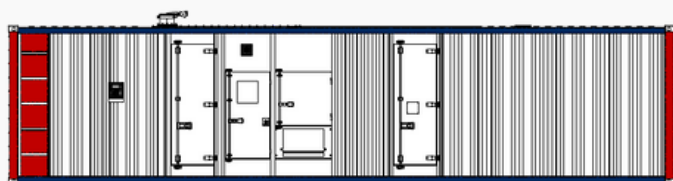
Engine data

Engine brand	Perkins	Total coolant capacity	210 Litres
Engine model	4016TAG1A	Total lube oil capacity	237.2 Litres
Engine speed	1500 RPM	Bore	160 mm
Cylinders	16	Stroke	190 mm
Aspiration	Turbocharged, air to air charge cooled	Compression ratio	13 : 1
Combustion system	Direct injection	Fuel cons. @ 110% standby load	401 l/hr
Displacement	61.123 Litres	Fuel cons. @ 100% Prime load	371 l/hr
Governor type	Electronic	Fuel cons. @ 75% Prime load	275 l/hr
Cooling System	Water	Fuel cons. @ 50% Prime load	136 l/hr

Alternator data

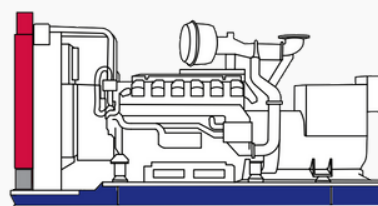
Alternator brand	Leroy Somer	Winding pitch	2/3
Alternator model	LSA52.3S5	Number of wires	6
Excitation	AREP & PMI	AVR	D550
Insulation class	H	Voltage regulation	± 0.25%
Drip proof protection	IP23	Power Factor	0.8

Enclosed set data



L X W x H (mm)	Weight	Fuel tank	Noise@7M
12192 x 2438 x 2896	24500 kg	2400 Litres	85 dBA

Open set data



** The images are for illustration purposes only.

L X W x H (mm)	Weight	Fuel tank	Noise@7M
5586 x 2208 x 2576	13199 kg	N/A	N/A