

Genset
Model:

YXP2000RSC & RS

X-Series

Enclosed set



Open Set



| Frequency | Phase | Power Factor | Prime Output | Standby |
|-----------|-------|--------------|-------------------|--------------------|
| 50Hz | 3 | 0.8 | 2000 kVA / 1600kW | 2200 kVA / 1760 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.
- Coolant recovery tank
- Single bearing, 4 pole brushless alternator.
- Anti vibration mountings
- Integral fuel tank with fully banded 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
- Forklift holes in base

Unit 2, Hurricane Close, Sherburn in Elmet, Leeds, LS25 6PB, United Kingdom
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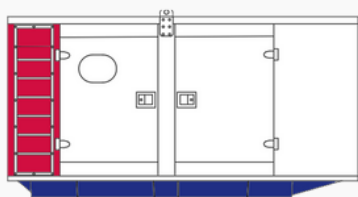
Engine data

| | | | |
|-------------------|------------------|--------------------------------|------------|
| Engine brand | Perkins | Total coolant capacity | 326 Litres |
| Engine model | 4016TAG2A | Total lube oil capacity | 237 Litres |
| Engine speed | 1500 RPM | Bore | 160 mm |
| Cylinders | 16 | Stroke | 190 mm |
| Aspiration | Turbocharged | Compression ratio | 13.6:1 |
| Combustion system | Direct injection | Fuel cons. @ 110% standby load | 212 g/kWh |
| Displacement | 61.1 Litres | Fuel cons. @ 100% Prime load | 209 g/kWh |
| Governor type | Electronic | Fuel cons. @ 75% Prime load | 203 g/kWh |
| Cooling System | Water-cooled | Fuel cons. @ 50% Prime load | 202 g/kWh |

Alternator data

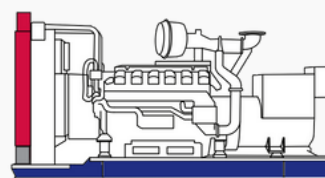
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|-----------------------|-------------|------------------------|---------|
| Alternator brand | Leroy Somer | Winding pitch | 2/3 |
| Alternator model | LSA52.3S6 | Number of wires | 6 |
| Excitation | AREP | AVR | D550 |
| Insulation class | H | Voltage regulation | ± 0.25% |
| Drip proof protection | IP23 | Telephone Interference | TIF <50 |

Enclosed set data



| L X W x H (mm) | Weight | Fuel tank | Noise@7M |
|---------------------|--------|-------------|----------|
| 12192 x 2438 x 2896 | 24055 | 2400 Litres | 85 db(A) |

Open set data



| L X W x H (mm) | Weight | Fuel tank | Noise@7M |
|--------------------|----------|-----------|----------|
| 6283 x 2378 x 2571 | 13550 kg | N/A | N/A |

** The images are for illustration purposes only.

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