

Genset Model:

YXP60RS

Enclosed set



Open set



| Frequency | Phases | Power Factor | Prime Output | Standby Output |
|-----------|--------|--------------|----------------|----------------|
| 50Hz | 3 | 0.8 | 60 kVA / 48 kW | 66 kVA / 53 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
- 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.
- 12V starter battery with leads and switch

** The images above are for illustration purposes only.

Engine data

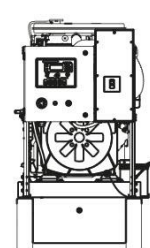
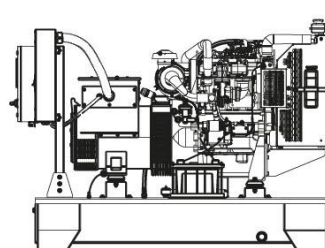
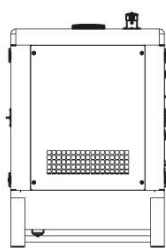
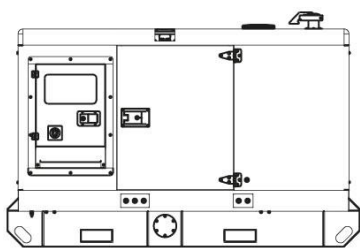
| | | | |
|---------------------|------------------|--------------------------------|--------------------------|
| Engine brand | Perkins | Total coolant capacity | 10.2 Litres |
| Engine model | 1103A-33TG2 | Total lube oil capacity | 8.3 Litres |
| Engine speed | 1500 RPM | Cooling air flow | 89 m ³ /min |
| Number of cylinders | 3 | Exhaust gas flow | 10.4 m ³ /min |
| Aspiration | Turbocharged | Exhaust gas temperature | 571°C |
| Combustion system | Direct injection | Fuel cons. @ 110% standby load | 15.4 l/hr |
| Displacement | 3.3 Litres | Fuel cons. @ 100% Prime load | 13.9 l/hr |
| Governor type | Mechanical | Fuel cons. @ 75% Prime load | 10.4 l/hr |
| Cooling system | Water Cooled | Fuel cons. @ 50% Prime load | 7.2 l/hr |

Alternator data

| | | | |
|-----------------------|--------------|---------------------------|----------------------------|
| Alternator brand | Leroy Somer | Number of wires | 12 re-connectable |
| Alternator model | LSA42.3L9 | AVR model | R 220 |
| Excitation | Self excited | Voltage regulation | ± 0.5% |
| Insulation class | H | Total Harmonic distortion | No load < 3%, on load < 2% |
| Drip proof protection | IP23 | Telephone interference | TIF < 50% |
| Winding pitch | 2/3 (wdg 6) | Flanges and shield | Aluminium |

Enclosed set data

Open set data



| L x W x H (mm) | Weight | Fuel tank | Noise@7M |
|--------------------|---------|------------|----------|
| 2338 x 1115 x 1561 | 1446 kg | 180 Litres | 69db |

| L x W x H (mm) | Weight | Fuel tank | Noise@7M |
|-------------------|--------|------------|----------|
| 1914 x 817 x 1384 | 894 kg | 220 Litres | 95db |

** Due to constant innovation, design and specifications are subject to change without notice. All YorPower products are supplied from the UK