



Genset Model:

YII50RSC

Enclosed set

Open set



| Frequency | Phases | Power Factor | Prime Output | Standby Output |
|-----------|--------|--------------|----------------|----------------|
| 50Hz | 3 | 0.8 | 50 kVA / 40 kW | 55 kVA / 44kW |

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 warranty

Design Standards

- CE marking
- ISO8528-1995
- GB/T2820-1997
- ISO 9001:2008 Registered Company

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 Registered in England and Wales No. 7035780

Progress Generator Services is a trading name and part of the YorPower group of companies

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 bunded base protection.
- Fuel level sensor
- Auto start control system with electronic digital control module DSE6020
- 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

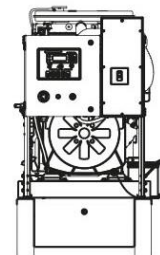
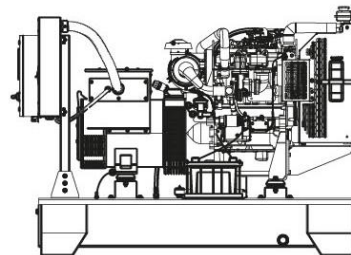
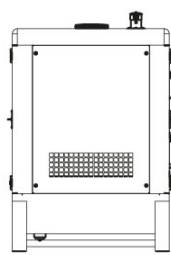
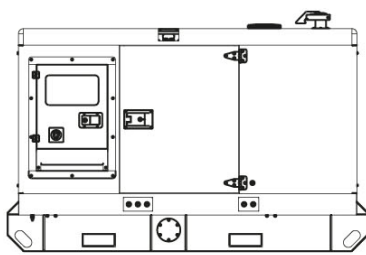
| | | | |
|---------------------|------------------|------------------------------|--------------|
| Engine brand | Iveco | Total oil consumption | 0.10 % |
| Engine model | NEFN45AM2 | Total lube oil capacity | 12.80 Litres |
| Engine speed | 1500 RPM | Cooling air flow | 6480 m³/h |
| Number of cylinders | 4 | Exhaust gas flow | 495 m³/h |
| Aspiration | Natural | Exhaust gas temperature | 488 °C |
| Combustion system | Direct injection | | |
| Displacement | 3.3 Litres | Fuel cons. @ 100% Prime load | N/A |
| Governor type | Mechanical | Fuel cons. @ 75% Prime load | 8.5 l/hr |
| Cooling system | Water Cooled | Fuel cons. @ 50% Prime load | 5.6 l/hr |

Alternator data

| | | | |
|-----------------------|--------------|----------------------|-------------------|
| Alternator brand | Meccalte | Number of wires | 12 re-connectable |
| Alternator model | TBA | No. Poles | 4 |
| Excitation | Self excited | Voltage regulator | DSR |
| Insulation class | H | Efficiency Alt 3/4 % | 89.50 |
| Drip proof protection | IP23 | Efficiency Alt 4/4 % | 89.10 |
| 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 |
|--------------------|--------|-----------|----------|
| 2500 x 1100 x 1455 | TBA | 85 Litres | TBA |

| L x W x H (mm) | Weight | Fuel tank | Noise@7M |
|-------------------|--------|------------|----------|
| 1900 x 900 x 1870 | TBA | 192 Litres | N/A |

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

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