

Genset  
Model:

# YII80RSC

Progress Generator  
Services



Enclosed set

Open set



Frequency	Phases	Power Factor	Prime Output	Standby Output
50Hz	3	0.8	80 kVA / 64 kW	90 kVA / 72 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 with fully bunded base protection.
- Fuel level sensor
- Auto start control system with electronic digital control module DSE6010
- 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.

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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





## Engine data

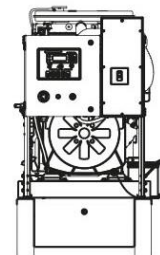
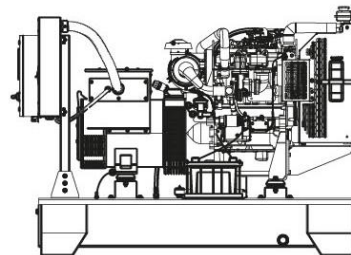
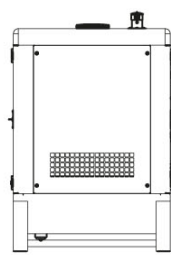
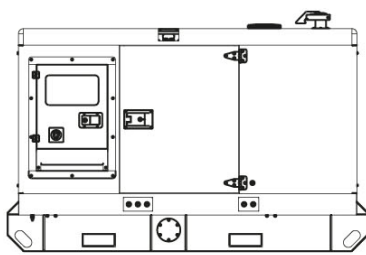
Engine brand	Iveco	Total oil consumption	0.10 %
Engine model	NEFN45SM3	Total lube oil capacity	12.80 Litres
Engine speed	1500 RPM	Cooling air flow	7920 m³/h
Number of cylinders	4	Exhaust gas flow	345 m³/h
Aspiration	Natural	Exhaust gas temperature	516 °C
Combustion system	Direct injection		
Displacement	3.3 Litres	Fuel cons. @ 100% Prime load	19.40 l/hr
Governor type	Mechanical	Fuel cons. @ 75% Prime load	15.40 l/hr
Cooling system	Water Cooled	Fuel cons. @ 50% Prime load	9.60 l/hr

## Alternator data

Alternator brand	Meccalte	Number of wires	12 re-connectable
Alternator model	ECP34-1S/4	No. Poles	4
Excitation	Self excited	Voltage regulator	DSR
Insulation class	H	Efficiency Alt 3/4 %	91.90
Drip proof protection	IP23	Efficiency Alt 4/4 %	91.50
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
2950 x 1100 x 1760	TBA	220 Litres	TBA

L x W x H (mm)	Weight	Fuel tank	Noise@7M
1900 x 900 x 1947	920Kgs	192 Litres	N/A

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

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