

Genset  
Model:

## YIV130RSC

Enclosed set

Open set



| Frequency | Phases | Power Factor | Prime Output     | Standby Output   |
|-----------|--------|--------------|------------------|------------------|
| 50Hz      | 3      | 0.8          | 130 kVA / 104 kW | 140 kVA / 112 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 banded 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.

## Engine data

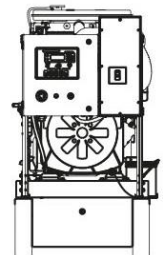
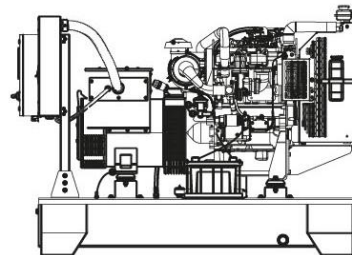
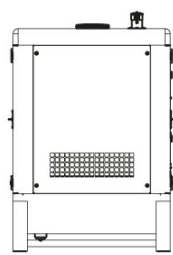
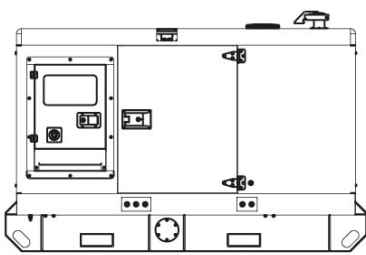
|                     |                  |                              |            |
|---------------------|------------------|------------------------------|------------|
| Engine brand        | Volvo            | Total oil consumption        | 0.28 %     |
| Engine model        | TAD532GE         | Total lube oil capacity      | 13 Litres  |
| Engine speed        | 1500 RPM         | Cooling air flow             | 10440 m³/h |
| Number of cylinders | 4                | Exhaust gas flow             | 1272 m³/h  |
| Aspiration          | Natural          | Exhaust gas temperature      | 507 °C     |
| Combustion system   | Direct injection |                              |            |
| Displacement        | 3.3 Litres       | Fuel cons. @ 100% Prime load | 29 l/hr    |
| Governor type       | Electronic       | Fuel cons. @ 75% Prime load  | 21 l/hr    |
| Cooling system      | Water Cooled     | Fuel cons. @ 50% Prime load  | 14 l/hr    |

## Alternator data

|                       |              |                      |                   |
|-----------------------|--------------|----------------------|-------------------|
| Alternator brand      | Meccalte     | Number of wires      | 12 re-connectable |
| Alternator model      | ECP34-1L/4   | No. Poles            | 4                 |
| Excitation            | Self excited | Voltage regulator    | DSR               |
| Insulation class      | H            | Efficiency Alt 3/4 % | 93.20             |
| Drip proof protection | IP23         | Efficiency Alt 4/4 % | 92.70             |
| 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 1759 | 1980Kgs | 220 Litres | 70dBA    |

| L x W x H (mm)    | Weight  | Fuel tank  | Noise@7M |
|-------------------|---------|------------|----------|
| 2250 x 930 x 1732 | 1480Kgs | 212 Litres | N/A      |

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

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