

## GENERATING SET GE 275 FMSX EAS

- FPT (IVECO) water cooled diesel engine - 1500 rpm
- Turbo aftercooled engine with electronic governor
- Closed crankcase ventilation
- EP6 engine protection
- Three-phase synchronous alternator
- Four pole circuit breaker
- Oil drain pump
- Bunded Base
- Two central lifting eyes
- Meets EEC directives for safety and noise level



Standard equipment	Diesel Engine	Water Cooling	Battery 24V (2x12V)	Engine protection	Electric starter	Low press. shut down	High water shut down	Over speed shut down	Low fuel shut down	Battery charge alarm	Central lifting eye
					Rpm-meter	Hours-meter	Battery voltmeter	Voltmeter	Frequency-meter	Local/Remote Start selector	
	Synchronous alternator	Automatic voltage regulator	Circuit breaker	Ammeter	Voltmeter phase selector	Emergency stop button	Siren	Ready for EAS/TCM	Fuel level gauge	Oil pressure gauge	Water temperature gauge

### Factory installation options

- Electrical panel with CEE sockets: 1x400V 125A 3P+N+T - 1x400V 63A 3P+N+T - 1x400V 32A 3P+N+T - 1x400V 16A 3P+N+T - 2x230V 16A 2P+T
- The electrical panel requires an electrical protection: ELR-Earth Leakage Relay (GFI) or Isometer (Insulation monitors)
- ELR-Earth Leakage Relay (GFI)
- Isometer (Insulation monitors)
- Voltage regulation
- Radio control
- PMG (Permanent Magnet Generator)
- Water heater WH
- Low level water radiator sensor
- Automatic fuel transfer pump
- Fuel tank 120l
- 3-way valve fuel system with quick connection for external fuel tank supply

### Options on request

- 400 plugs
- 230 plugs
- Automatic transfer unit (AMF) EAS 275 MTE-805
- Earthing kit
- Remote control TCM35

### Technical Data

### GE 275 FMSX

#### A.C. GENERATION - 50 Hz

Three-phase synchronous alternator, self-excited, self-regulated, brushless

\*Stand-by three-phase power

275 kVA (220 kW) / 400 V / 397 A

\*PRP three-phase power

250 kVA (200 kW) / 400 V / 361 A

cos $\phi$

0.8

Insulation class

H

\* Output powers according to ISO 8528-1

#### ENGINE

4-stroke diesel, turbocharged-air to air charge cooled, direct injection, water cooled

Model

FPT (IVECO) C87 TE1D

\* Stand-By net power

256 kW (348 HP)

\* PRP net power

232 kW (316 HP)

Cylinders/ Displacement

6 / 8.7 l (8700 cm<sup>3</sup>)

Speed

1500 rpm

Fuel consumption (75% of PRP)

43.2 l/h

\* Maximum output according to ISO 3046-1

#### GENERAL SPECIFICATIONS

Tank capacity

510 l

Running time (75% of PRP)

11.8 h

IP protection degree

IP 44

Dimensions LxWxh (mm)

3750x1400x2030

Dry weight

3500 kg

\*Measured acoustic power L<sub>WA</sub> (pressure L<sub>pA</sub>)

95 dB(A) (70 dB(A) @ 7 m)

\*Guaranteed acoustic power L<sub>WA</sub> (pressure L<sub>pA</sub>)

96 dB(A) (71 dB(A) @ 7 m)

\* Acoustic power according to European Directive 2000/14/EC