

GENERATING SET GE 225 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 12V	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 225 FMSX

A.C. GENERATION - 50 Hz

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

*Stand-by three-phase power

225 kVA (179.9 kW) / 400 V / 324.5 A

*PRP three-phase power

204 kVA (163 kW) / 400 V / 294.3A

Cosφ

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) NEF67 TE2A

* Stand-By net power

193 kW (262.5 HP)

* PRP net power

175 kW (238 HP)

Cylinders/ Displacement

6 / 6.7 l (6700 cm³)

Speed

1500 rpm

Fuel consumption (75% of PRP)

34 l/h

* Maximum output according to ISO 3046-1

GENERAL SPECIFICATIONS

Tank capacity

510 l

Running time (75% of PRP)

15 h

IP protection degree

IP 44

Dimensions LxWxh (mm)

3750x1400x2030

Dry weight

2850 kg

*Measured acoustic power LwA (pressure LpA)

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

*Guaranteed acoustic power LwA (pressure LpA)

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

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