

GENERATING SET GE 455 FSX EAS GE 455 FMSX EAS



- FPT (IVECO) water cooled diesel engine - 1500 rpm
- Turbo aftercooled engine with electronic governor
- Closed crankcase ventilation
- EP6 engine protection
- GE 455 FSX - STAMFORD three-phase synchronous alternator
- GE 455 FMSX - MARELLI three-phase synchronous alternator
- Four pole circuit breaker
- Oil drain pump
- Bundled Base
- Two central lifting eyes
- Meets EC directives for safety and noise level

Standard equipment											

- 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
 - 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 435 MTE-805
 - Earthing kit
 - Remote control TCM35

Technical Data

A.C. GENERATION - 50 Hz

*Stand-by three-phase power

*PRP three-phase power

cosφ

Insulation class

GE 455 FSX

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

440 kVA (352 kW) / 400 V / 635.1 A

400 kVA (320 kW) / 400 V / 577.3 A

0.8

H

GE 455 FMSX

450 kVA (360 kW) / 400 V / 649.5 A

410 kVA (328 kW) / 400 V / 591.8 A

0.8

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) C13 TE3A

* Stand-By net power

387 kW (526.3 HP)

* PRP net power

352 kW (478.7 HP)

Cylinders/ Displacement

6 / 12.9 l (12900 cm³)

Speed

1500 rpm

Fuel consumption (75% of PRP)

68 l/h

* Maximum output according to ISO 3046-1

GENERAL SPECIFICATIONS

Tank capacity

580 l

Running time (75% of PRP)

8.5 h

IP protection degree

IP 44

Dimensions LxWxh (mm)

4100x1520x2150

Dry weight

4340 kg

4240 kg

*Measured acoustic power L_{WA} (pressure L_{pA})

97 dB(A) (72 dB(A) @ 7 m)

*Guaranteed acoustic power L_{WA} (pressure L_{pA})

98 dB(A) (73 dB(A) @ 7 m)

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

Mosa reserves the right to change this specification without notice. For further information please contact the sales department.