

MOSA GE 225 FXC (Stage 3A)

Reference: CH1K50561



MOSA GE225 FXC 176KW STAGE 3

MOSA GE225 FXC is a three-phase generator with an IVECO FPT N67 TM7 diesel engine capable of delivering a maximum power of 176KW. The MOSA GE225 FXC genset set is equipped with electric start.

The MOSA GE225 FXC alternator is synchronous, three-phase, self-excited, self-regulated, brushless with class H insulation with AVR voltage regulator. MOSA GE225 FXC is compact and convenient to maneuver and transport thanks to its compact size, with a weight of 2160 kg in addition to the practical pierceable base.

Generator with cowling to reduce noise emissions that makes it supersilenced.

The MOSA Generator with 230-liter tank has a fuel consumption of 34 liters/hour at 75% load for a range of more than 9 hours.

The AVR, applied to synchronous genset, has the objective of maintaining a constant operation of the machine, in its most efficient regime. Generally, this means maintaining the power factor at values close to 1, but if the synchronous machine is also used to power factor other users in the same settlement, these values may vary.

MOSA GE225 FXC Technical Specifications:

NOMINAL OUTPUT POWER

Three phase Stand-by output: 220 kVA (176 kW) / 400V / 317.5A

Three phase PRP output: 200 kVA (160 kW) / 400V / 288.7A

Three phase COP output: 165 kVA (132 kW) / 400V / 238.2A

Frequency: 50 Hz

MOTOR DATA

Model: FTP N67 TE3F (Stage3A)

Net standby output: 195 kW (265 hp)

Net PRP output: 175 kW (238 hp)

Net COP output: 140 kW (190 hp)

Cylinders/ Displacement: 6/ 6700 cm³ (6.7 lit.)

Bore / Stroke: 104 / 132 (mm)

Compression Ratio: 17.5 : 1

BMEP Effective Average Pressure: 2328 kPa - 2089 kPa

RPM Controller: Electronic

110 % (Standby Power): 49 lit./h

100 % PRP: 45.5 lit./h

75 % PRP: 41.9 lit./h

50 % PRP: 29.9 lit./h

GENERAL SPECIFICATIONS

A.V.R. model: MARK VX (11000013)
 Tank capacity: 230 lt.
 Autonomy (75% of PRP): 6 h
 Measured acoustic power LwA: 95 dB(A) (70 dB(A) @ 7m)
 Guaranteed acoustic power LwA: 97 dB(A) (72 dB(A) @ 7m)
 Width: 3400 mm
 Length: 1200 mm
 Height: 1800 mm
 Dry weight: 2210 kg

If you are looking for another product such as MOSA GE225 FXC genset then you can browse our catalog for more [land based generator sets](#).

Images and technical data are not binding.

Technical Sheet

Phase	Three phase
Maximum power three phase (KW)	176
Continuous power three phase (KW)	160
Maximum power three phase (KVA)	220
Continuous power three phase (KVA)	200
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	230 / 400
Engine	FPT (IVECO) NEF67TM7
Emissions Regulations	Stage 3A
Engine rpm (rpm)	1500
Speed governor	Electronic
Starting system	Electric
Engine capacity (cm ³)	6
Number cylinders	6
Oil capacity (L)	17
Cooling	Water
Inyección	Direct
Alternator	Three-phase synchronous self-excited, self-regulated, brushless
Bore x stroke (mm)	104 x 132
Fuel tank capacity (L)	230
Consumption (L/h)	37 at 75% of the load
Running time (h)	6 at 75% of the load
Acoustic power	95 dB(A)

Acoustic pressure	70 dB(A) at 7 m
Length (mm)	3400
Width (mm)	1200
Height (mm)	1800
Dry weight (Kg)	2210
Silenced	Yes
Super silenced	Yes
Product type	Generator
ATS Switch device	Optional ATS
Voltage regulator	AVR
Engine manufacturer	FPT Iveco