

MOSA GE 185 FXC

Reference: CM9K7056



MOSA GE185 FXC 153KW generating set

MOSA GE185 FXC is a three-phase generator with FPT (IVECO) N67 TM4 diesel engine capable of delivering a maximum power of 153KW. The MOSA GE185 FXC is equipped with an electric starter.

The alternator of the MOSA GE185 FXC is synchronous, three-phase, self-excited, self-regulated, brushless with class H insulation with AVR voltage regulator.

MOSA GE185 FXC is compact and convenient to maneuver and transport thanks to its compact size, with a weight of 2200 kg as well as the practical pierceable base. Generator set with cowling to reduce noise emissions that makes it supersilenced.

The MOSA Generator with 230 liters tank has a fuel consumption of 36.6 litres/hour at 75% of the load for an autonomy of more than 8.4 hours.

MOSA GE185 FXC Technical Specifications:

NOMINAL OUTPUT POWER

Three-phase Stand-by power: 192 kVA (153.6 kW) / 400V / 277A

Three-phase PRP power: 175 kVA (140 kW) / 400V / 252.6A

Three-phase COP power: 140 kVA (112 kW) / 400V / 202A

Frequency: 50 Hz

ENGINE DATA

Model FPT (IVECO) N67 TM4 (Stage 3A)

Net standby output 165 kW (224 hp)

Net PRP output 150 kW (190 hp)

Net COP output 119 kW (162 hp)

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

Bore / Stroke 104 / 132 (mm)

Compression ratio 17.5 : 1

BMEP (Effective Average Pressure :

LTP - PRP)

2030 kPa - 1850 kPa

Mechanical RPM Controller

FUEL CONSUMPTION

110 % (Stand-by Power) 42.2 lit./h

100 % PRP 36.6 lit./h

75 % PRP 29.4 lit./h

50 % PRP 18 lit./h

GENERAL SPECIFICATIONS

Tank capacity: 230 liters
 Range of operating time (75% PRP): 8.4 h
 Measured acoustic power LwA: 95.3 dB(A) (70.3 dB(A) @ 7m)
 Guaranteed acoustic power LwA: 97 dB(A) (72 dB(A) @ 7m)
 Length: 3400 mm
 Width: 1200 mm
 Height: 1800 mm
 Dry weight: 2200 kg

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Images and technical data are not binding.

Technical Sheet

Phase	Three phase
Maximum power three phase (KW)	153.6
Continuous power three phase (KW)	140
Maximum power three phase (KVA)	192
Continuous power three phase (KVA)	175
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	230 / 400
Engine	FPT (IVECO) NEF67TM4 turbo
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)	29.4 at 75% of the load
Running time (h)	8.4 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)	2200
Silenced	Yes
Super silenced	Yes
Product type	Generator
ATS Switch device	Optional ATS
Voltage regulator	AVR
Engine manufacturer	FPT Iveco