



## MOSA GE 85 FR-5 DGUV-B GENERATOR 92 KVA SINGLE/THREE PHASE AVR STAGE V

Reference: CP2T50U1

### MOSA GE 85 FR-5 DGUV-B GENERATOR 92 KVA SINGLE/THREE PHASE AVR STAGE V

The MOSA GE 85 FR-5 single-phase/ three-phase generator è equipped with an IVECO FPT F36ETVP03.A85 StageV diesel-powered engine, and è capable of delivering a maximum power of 92 KVA, complete with **Voltage Regulator AVR**.

The MOSA GE 85 FR-5 generatoris equipped with electric start, manual or automatic with 12 V battery, and is equipped with IntiLite AMF 9 control unit that allows the display of all the electrical parameters of the engine and generator, functions, states of the genset, manage the genset entirely, and display, in case they occur, the errors or alarms of the system.

Thanks to the AVR voltage regulator included with the genset, the MOSA GE 85 FR-5 manages to deliver "clean" current and voltage with an accuracy of less than one percent, this guarantees the user, to be able to safely connect any type of electrical and electronic device.

The MOSA GE 85 FR-5 guarantees efficient and quiet operation thanks to the IVECO FPT F36ETVP03.A85 engine engine, which allows it to deliver a maximum power of 92 KVA.

#### The DGUV-"B" Command Framework consists of:

- Intelilite4 AMF9 controller
- Power switch
- Horn
- Emergency stop button
- Forced regeneration button
- 1500-1800 rpm selector switch for forced regeneration
- 4-pole thermal-magnetic circuit breaker
- Insulation monitor
- Power terminal block
- Equipotential ground terminal
- Output sockets: 1x 400V 125A 3P+N+T CEE IP67
- 1x 400V 63A 3P+N+E CEE IP67
- 1x 400V 32A 3P+N+E CEE IP67
- 1x 400V 16A 3P+N+E CEE IP67
- 2x 230V 16A 2P+E SCHUKO
- Circuit breakers 400 V socket 125A / socket 63A
- Differential switch for socket 400 V 63A - TypeB
- Differential-magnetic circuit breaker for 400 V 32A socket - TypeB / 400 V 16A socket - TypeB
- 2x Differential-magnothermal switch for 230V 16A Schuko socket - TypeB

#### ATS AUTOMATIC STARTER PANEL (OPTIONAL)

The MOSA GE 85 FR-5 is prepared for the use of ATS automatic start-up panel. Thanks to which you will no longer have to worry about blackouts because if the power grid goes out, this panel can automatically start the generator and allow you to continue your activity without losing your work data.

## EMISSION REGULATIONS STAGEV

The MOSA GE 85 FR-5 is equipped with STAGEV "mobile" motorization, as required by European Regulation 2016/1628. These new motorizations make it possible to exponentially reduce the emissions of particulate matter and nitrogen oxides delivered by the generator into the environment, and ensure a 200% reduction in environmental impact compared to standard motorizations.

## TECHNICAL CHARACTERISTICS MOSA GE 85 FR-5

Phase Type: Single Phase / Three Phase  
Maximum power: 92 KVA / 73.6 KW  
Continuous power: 85 KVA / 68 KW  
Fuel: Diesel  
Voltage: 230 / 400 V  
Frequency: 50 Hz  
Engine: IVECO FPT F36ETVP03.A85  
Emission standard: Stage V  
Number of cylinders: 4  
Engine rpm: 1500 rpm  
Starter: Electric  
Voltage regulator: AVR HVR-30  
Tank capacity: 450 Lt  
Consumption: 14.51 Lt/h at 75% load  
Autonomy: 31 h at 75% load  
Acoustic pressure: 66 dB(A) @ 7m  
Length: 2870 mm  
Width: 1220 mm  
Height: 2177 mm  
Net weight: 1900 kg

Looking for a product with different technical characteristics? [HERE](#) you can find the area dedicated to MOSA generator or other specialized brands.

Images are purely indicative.

## Technical Sheet

Phase	Single phase / Three phase
Maximum power three phase (KW)	73.6
Continuous power three phase (KW)	59.2
Maximum power three phase (KVA)	92
Continuous power three phase (KVA)	74
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	230 / 400
Sockets configuration	1x400V 125A CEE + 1x400V 163A CEE + 1x400V 32A CEE + 1x400V 16A CEE + 2x230V 16A SCHUKO
Engine	FPT F36ETVP03.A85

Emissions Regulations	Stage 5
Engine rpm (rpm)	1500
Speed governor	Electronic
Starting system	Electric
Engine capacity (cm <sup>3</sup> )	3600
Number cylinders	4
Oil capacity (L)	9
Cooling	Water
Inyección	Direct
Alternator	Three-phase synchronous self-excited, self-regulated, brushless
Bore x stroke (mm)	102 x 110
Fuel tank capacity (L)	450
Consumption (L/h)	10.6 at 75% of the load
Running time (h)	31 at 75% of the load
Acoustic power	91 dB(A)
Acoustic pressure	66 dB(A) at 7 m
Length (mm)	2870
Width (mm)	1220
Height (mm)	2177
Dry weight (Kg)	1900
Silenced	Yes
Super silenced	Yes
Product type	Generator
ATS Switch device	Optional ATS
Voltage regulator	AVR
Engine manufacturer	FPT Iveco