



GENERATOR 100KVA SUPER SILENCED SINGLE / THREE-PHASE MANUAL PANEL STAGE V

Reference: GEN100-KVA-SIL-MAN

GENERATOR 100KVA SUPER SILENCED SINGLE / THREE-PHASE MANUAL PANEL STAGE V

The generator single / three-phase is equipped with an IVECO FTT F36ETVP03.A94 StageV diesel engine, complete with **AVR voltage regulator** and manual starting panel.

This generator set is equipped with **electric start** with 12 V battery, equipped with a COMAP IL9 AMF 9 control unit that allows you to view all the electrical parameters of the engine and generator, functions, status of the generator, manage the entire group and view, in case they occur, the errors or alarms of the system.

The generator is equipped with a soundproof cabin, made of 20/10 thick carbon steel, folded and electro-welded, with protection class IP23 and which can be opened in two sections. This cabin allows the super silenced generator to deliver an acoustic pressure of only 65 dB (A) @ 7 meters.

AVR VOLTAGE REGULATOR

The Generator is supplied complete with AVR voltage regulator. The AVR is a device that allows you to **keep the output more constant and less dependent on the load**. Thanks to the AVR there are fewer drops or peaks in current and this makes the use of the various connected devices safer, improving their performance and duration.

STAGEV EMISSIONS REGULATION

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

TECHNICAL FEATURES

Type of phase: Single-phase / Three-phase
Continuous use power: 100 KVA / 80 KW
Maximum power: 110 KVA / 88 KW
Motor: IVECO FTT F36ETVP03.A94
Engine revs: 1500 rpm
Emissions standard: Stage V
Starting: Electric
Fuel: Diesel
Voltage available at terminals: 230/400 V
Frequency: 50 Hz
Voltage regulator: AVR

Socket panel: 1 x CEE 32A 400V 5P / 1 x CEE 16A 230V 3P
 Tank capacity: 170 l
 Autonomy at 75% of the load: 7.2 h
 Consumption at 75% load: 23.6 Lt / h
 Acoustic pressure: 66 dB (A) @ 7 m
 Length: 3000 mm
 Width: 1100 mm
 Height: 1520 mm
 Dry weight: 1650 Kg

Are you looking for a generator with different technical characteristics? [HERE](#) you can find the area dedicated to specialized brand generators.

Non-binding images and technical data.

Technical Sheet

Phase	Single phase / Three phase
Maximum power three phase (KW)	88
Continuous power three phase (KW)	80
Maximum power three phase (KVA)	110
Continuous power three phase (KVA)	100
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	230 / 400
Sockets configuration	1 x CEE 32A 400V 5P / 1 x CEE 16A 230V 3P
Engine	IVECO FTT F36ETVP03.A94
Emissions Regulations	Stage 5
Engine rpm (rpm)	1500
Speed governor	Mechanical
Starting system	Manual / Electric
Engine capacity (cm ³)	3600
Number cylinders	4
Alternator	Linz PRO 22SD/4
Fuel tank capacity (L)	170
Consumption (L/h)	23.6 al 75% del carico
Running time (h)	7.2 at 75% load
Acoustic pressure	66 dB(A) at 7 m
Length (mm)	3000
Width (mm)	1100

Height (mm)	1520
Dry weight (Kg)	1650
Silenced	Yes
Super silenced	Yes
Product type	Generator
ATS Switch device	Optional ATS
Voltage regulator	AVR
Engine manufacturer	FPT Iveco