



GENERATOR SUPERSILENT 33KVA SINGLE/ THREE-PHASE 50/60Hz AUTOMATIC PANEL

Reference: DS233KVAA MA

GENERATOR SUPERSILENT 33KVA SINGLE-PHASE/ THREE-PHASE 50/60Hz AUTOMATIC PANEL

The generator single-phase / three-phase is equipped with a Perkins 1103A-33G diesel-powered engine, capable of delivering a power of 33KVA complete with **AVR voltage regulator** and automatic control panel.

This generator is equipped with **electric, manual or automatic start** with 12 V battery, and is equipped with **COMAP AMF 9 NT control unit** which allows you to view all electrical parameters of the engine and generator, of the functions, status of the generating set, to manage the entire set and to view, in case they occur, the errors or alarms of the system. The group has a low fuel consumption, in fact it consumes only 5.4 liters / hour at 75% of the load, combined with a large tank of 100 liters of maximum capacity, it will give you an autonomy of about 18 hours.

The generator is equipped with a Mecc Alte ECP28-VL / 4 alternator that makes the most of energy conversion to produce the maximum power / size ratio. for other information regarding this alternator you can visit [dedicated page.](#)

This unit 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 an incredible reduction of acoustic pollution, up to obtaining an acoustic pressure of only 61 dB (A) recorded at a distance of 7 meters.

The generating set guarantees efficient and silent operation thanks to the Perkins 1103A-33G engine, which allows it to deliver a maximum power of 33KVA.

AUTOMATIC TRANSFER SWITCH ATS

The generator is set up for the use of an ATS automatic transfer switch. Thanks to which you will no longer have to worry about blackouts because if it goes off the electricity grid this panel is able to automatically start the generator and will allow you to continue your business without losing your work data.

The generator control panel consists of:

- Magnetothermic switch 50 A
- Sockets: 1 x CEE 63A 400V 5P / Terminal block
- Automatic control unit COMAP AMF 9 NT
- Battery charger 2,5 A
- Switching connection
- Emergency stop button

TECHNICAL FEATURES

Type of phase: Single-phase / Three-phase
 Continuous use power 50 Hz: 30 KVA / 24 KW
 Maximum power 50 Hz: 33 KVA / 26.4 KW
 Continuous use power 60 Hz: 35 KVA / 28 KW
 Maximum power 60 Hz: 38.5 KVA / 30.8 KW
 Engine: Perkins 1103A-33G
 Engine revolutions: 1500/1800 rpm
 Starting: Electric / Automatic
 Fuel: Diesel
 Voltage available at terminals (V): 230/400/265/460
 Frequency: 50/60 Hz
 Voltage regulator: AVR
 Socket panel: 1 x CEE 63A 400V 5P / Terminal block
 Tank capacity: 100 l
 Autonomy at 75% of the load: 18.5 h
 Consumption at 75% of the load: 5.4 Lt / h
 Pressure acoustic: 561 dB (A) @ 7 m
 Length: 2100 mm
 Width: 870 mm
 Height: 1165 mm
 Dry weight: 940 Kg

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

The images and technical data are not binding and may be subject to revisions.

Technical Sheet

Phase	Single phase / Three phase
Maximum power three phase (KW)	26.4 (50 Hz) / 30.8 (60 Hz)
Continuous power three phase (KW)	24 (50 Hz) / 28 (60 Hz)
Maximum power three phase (KVA)	33 (50 Hz) / 38.5 (60 Hz)
Continuous power three phase (KVA)	30 (50 Hz) / 35 (60 Hz)
Fuel	Diesel
Frequency (Hz)	50 / 60
Voltage (V)	230 / 400 / 265 / 460
Sockets configuration	1 x CEE 63A 400V 5P / Terminal board
Engine	PERKINS 404A-22G1, 4 stroke naturally aspirated
Emissions Regulations	Stationary Use
Engine rpm (rpm)	1500 / 1800
Speed governor	Mechanical
Starting system	Electric / Automatic

Engine capacity (cm ³)	3300
Number cylinders	3
Cylinders' position	In line
Cooling	Water
Alternator	Mecc Alte ECP28-VL/4, brushless
Poles	4
Fuel tank capacity (L)	100
Consumption (L/h)	5.4 at 75% of the load
Running time (h)	18.5 at 75% of the load
Acoustic pressure	61 dB(A) at 7 m
Length (mm)	2100
Width (mm)	870
Height (mm)	1165
Dry weight (Kg)	940
Silenced	Yes
Super silenced	Yes
ATS Switch device	Optional ATS
Voltage regulator	AVR