



## GENERATOR SILENCED 22 KVA SINGLE-PHASE/THREE-PHASE AUTOMATIC CONTROL PANEL

Reference: DS22KVAA MA

### GENERATOR SILENCED 22KVA SINGLE-PHASE/THREE-PHASE AUTOMATIC CONTROL PANEL

The Generator single/three-phase is equipped with a Perkins 404A 22G1 Diesel engine, capable of delivering a power of 22KVA complete with AVR voltage regulator and automatic control panel.

This generator is equipped with electric start, manual or automatic with 12 V battery, and is equipped with **COMAP AMF 9 NT** control unit that allows you to display all the electrical parameters of the engine and generator, functions, statuses of the generator, manage the entire group and display, if any, errors or alarms of the system. The group has a low fuel consumption, in fact it consumes only 4 liters / hour at 75% load, combined with a large tank of 70 l of maximum capacity, will give you an autonomy of about 17 hours.

This group is equipped with a soundproof cabin, made of carbon steel 20/10 thick, bent and electrowelded, with protection class IP23 and openable in two sections. This cabin allows an incredible abatement of noise pollution, up to obtaining a sound pressure of only 59 dB (A) recorded at a distance of 7 meters.

The generator is equipped with a Mecc Alte ECP28-M / 4 C 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](#).

The generator guarantees efficient and silent operation thanks to the Perkins 404A 22G1 engine, which can deliver a maximum power of 22KVA.

### AUTHOMATIC TRANSFER SWITCH ATS

The generator is predisposed for the use of Authomatic Transfer Switch ATS. Thanks to this, you will no longer have to worry about blackouts because if the mains power fails, this panel is able to start the generator automatically and allow you to continue your activity without losing your work data.

The generator control panel is composed of:

- Thermomagnetic circuit breaker 32 A
- Sockets: 1 x CEE 32A 400V 5P / Terminal block
- Automatic control unit COMAP AMF 9 NT
- Battery charger 2,5 A
- Switching connection
- Emergency stop button

### TECHNICAL CHARACTERISTICS

Phase type: Single-phase / Three-phase  
Continuous use power: 20 KVA / 16 KW  
Maximum power: 22 KVA / 17.6 KW  
Engine: Perkins 404A 22G1  
Engine revolutions: 1500 rpm  
Emissions Regulations: Not Emitted  
Starting: Electric / Automatic  
Fuel: Diesel  
Voltage available at the terminals: 230/400 V  
Frequency: 50Hz  
Voltage regulator: AVR  
Socket panel: 1 x CEE 32A 400V 5P / Terminal block  
Tank capacity: 70 l  
Autonomy at 75% load: 17.5 h  
Consumption at 75% of the load: 4 Lt / h  
Sound pressure: 59 dB (A) @ 7 m  
Length: 1750mm  
Width: 700 mm  
Height: 1125 mm  
Dry weight: 645 Kg

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

Images and technical data are not binding.

## Technical Sheet

Phase	Single phase / Three phase
Maximum power three phase (KW)	17.6
Continuous power three phase (KW)	16
Maximum power three phase (KVA)	22
Continuous power three phase (KVA)	20
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	230 / 400
Sockets configuration	
Engine	PERKINS 404A-22G1, 4 stroke naturally aspirated
Emissions Regulations	Stationary Use
Engine rpm (rpm)	1500
Speed governor	Mechanical
Starting system	Electric / Automatic
Engine capacity (cm <sup>3</sup> )	2216
Number cylinders	4

Cylinders' position	In line
Cooling	Water
Alternator	Mecc Alte ECP28-M/4, brushless
Poles	4
Fuel tank capacity (L)	70
Consumption (L/h)	4 at 75% of the load
Running time (h)	17.5 at 75% of the load
Acoustic pressure	59 dB(A) at 7 m
Length (mm)	1750
Width (mm)	700
Height (mm)	1125
Dry weight (Kg)	645
Silenced	Yes
Super silenced	Yes
ATS Switch device	Optional ATS
Voltage regulator	AVR