



## GENERATOR SINGLE-PHASE / THREE-PHASE 20KVA AVR WITH MANUAL CONTROL PANEL

Reference: GMT20KVAQM

### GENERATOR SINGLE-PHASE / THREE-PHASE 20KVA with manual control panel

Single/three phase 20KVA generator with a 1500 rpm Perkins diesel engine, compact and easy to use, mounted on a fixed base. The is equipped with a weatherproof, structural steel sheet soundproof cabin and an interior cladding of high noise reduction material, making the supersilenced.

The generator consists of a Linz, Stamford or Mecc Alte, self-excited, brushless alternator with AVR voltage regulator. The generator is equipped with an electric starter with a low fuel consumption battery, consuming only 4 litres per hour at 75% load. The fuel tank is incorporated in the crankcase for ease of use.

This generator is perfect for use outdoors, such as on construction sites.

The generator is part of the Industrial range and is characterised by its versatility for installation in urban environments such as shops or shopping centres, for the telecommunications environment, for military applications and much more.

#### Technical characteristics of the generator:

Phase type: Single-phase / Three-phase

Maximum three-phase power: 17.6 KW / 22 KVA

Three-phase continuous power: 16 KW / 20 KVA

Maximum single-phase power: 5.87 KW / 7.33 KVA

Single-phase continuous use power: 5.33 KW / 6.67 KVA

Fuel: Diesel

Voltage: 230 V / 400 V

Frequency: 50 Hz

Motor: PERKINS 404A-22G1

Engine speed: 1500 rpm

Starting: Electric

Consumption: 4 Lt/h at 75% load

Length: 1580 mm

Width: 700 mm

Height: 1050 mm

Weight: 590 Kg

Super-silenced

AVR

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Images and technical data are not binding.

#### Technical Sheet

Phase	Single phase / Three phase
Maximum power single phase (KW)	5.8
Continuous power single phase (KW)	5.33
Maximum power single phase (KVA)	7.3
Continuous power single phase (KVA)	6.67
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	1 x 400V 32A 5P CEE - 1 x 230V 16A 3P CEE
Engine	Perkins 404A-22G1
Emissions Regulations	Stationary Use
Engine rpm (rpm)	1500
Speed governor	Mechanical
Starting system	Electric
Engine capacity (cm <sup>3</sup> )	2216
Number cylinders	4
Cooling	Water
Alternator	Brushless
Poles	4
Protection degree	IP44
Bore x stroke (mm)	84 x 100
Fuel tank capacity (L)	55
Consumption (L/h)	4
Running time (h)	27.5
Acoustic pressure	68 dB(A) at 7 m
Length (mm)	1580
Width (mm)	700
Height (mm)	1050
Dry weight (Kg)	590
AVR	Yes
Silenced	Yes

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Super silenced	Yes
Product type	Generator
ATS Switch device	No ATS
Voltage regulator	AVR
Engine manufacturer	Perkins

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