

## GENMAC Strong-Rent G30YS-M5 GENERATOR 33KVA Stage V

Reference: 04834



### GENMAC Strong-Rent G30YS-M5 THREE-PHASE GENERATOR 33KVA

The generator GENMAC Strong-Rent G30YS-M5 three-phase is equipped with a Iveco diesel-powered engine capable of delivering a power of 33KVA with AVR voltage regulator.

The generator is equipped with an oversized Iveco engine capable of delivering a continuous power of 30KVA and a maximum power of 33KVA. Thanks to the 100l tank the Genmac Infinity generator has an autonomy of up to 8 hours of work.

The Genmac generator silenced has been realized with a high performance frame to minimize the sound pressure. The frame is made with steel plates made according to UNI S235JR standards, complete with rubber anti-vibration supports.

The 33KVA generator is complete with doors that allow easy access for ordinary or extraordinary maintenance. In order to make this Genmac generator as quiet as possible, 100% recyclable, fireproof, self-extinguishing, fireproof, washable, class 1 reaction to fire, mechanically fixed to the frame.

The silenced generator is specific for mobile and rental applications. Easy to use and move. It mounts the latest generation engine with low emission level, for an energy that respects the environment.

#### Control panel

The control panel consists of:

- No. 1 CEE 32A 400V
- No. 1 CEE 16A 400V
- No. 2 CEE 16A 230V
- No. 1 Schuko 16A 230V
- Thermal Circuit Breaker
- Thermal-magnetic switch
- Controller DSE4510
  - Voltmeter, Frequency meter, Ammeter
  - Generator power reading (kW, kV Ar, kV A & pf)
  - Hour meter
  - Fuel tool
  - Overload protection (kW & kV Ar)
  - Low oil pressure protection
  - High temperature refrigerant protection
  - Low fuel level protection
  - Battery charger alternator failure
  - Off-rotation protections
  - Oil pressure and engine temperature reading

Analog fuel level instrument  
Emergency Stop Button  
Connector for Remote Start/Automatic Square  
On/off switch

## AVR Voltage Regulator

The AVR is essential to make the generator work at its best, in fact it all needs an electronic control system, an AVR in fact, which ensures the proper functioning of the machine and the electrical network behind it.

The purpose of the AVR, in a current generator, is to keep the output stable. And if its operation is very simple when resistive loads are fed, more complex is the matter in case of mainly inductive loads: the delayed phase shift current counteracts the inductor magnetic field, causing a voltage drop at the alternator terminals; to compensate for this phenomenon, the AVR intervenes automatically by increasing the excitation current, until the returns to the nominal value. If the load is capacitive, the current acts as a magnetizer for the inductor causing an increase in voltage exit, and the AVR intervenes by reducing the excitation current.

### TECHNICAL CHARACTERISTICS OF GENERATOR GENMAC Strong-Rent G30YS-M5 33KVA

Voltage regulator: AVR

Power supply: Diesel

Starter: Electric

Three-phase

Engine 4TNV98C-IYE STAGE V

Continuous output: 24 KW

Continuous output: 30 KVA

Maximum output: 26 KW

Maximum output: 33 KVA

Voltage: 400 V

Frequency: 50 Hz

1500 rpm

Tank capacity: 100 l

Autonomy @ 75%: 15 h fixed revolutions

Acoustic pressure @7m: 65 dBA

Length (mm): 2670

Width (mm): 960

Height (mm): 1263

Dry weight (Kg): 1150

If you are looking for another product then you can consult other terrestrial generators in [our catalog](#).

Images and technical data are not binding.

## Technical Sheet

Phase	Three phase
Maximum power three phase (KW)	26
Continuous power three phase (KW)	24
Maximum power three phase (KVA)	33
Continuous power three phase (KVA)	30
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	400
Engine	
Emissions Regulations	Stage 5
Engine rpm (rpm)	1500
Starting system	Elettrico
Cooling	Water
Poles	2
Fuel tank capacity (L)	100
Running time (h)	8
Acoustic pressure	70 dB(A)
Length (mm)	2670
Width (mm)	960
Height (mm)	1263
Dry weight (Kg)	1150
Silenced	Yes
Super silenced	No
Voltage regulator	AVR
Engine manufacturer	Yanmar