



## GENMAC Queen-Rent G80IS-M GENERATOR 90,0KVA

Reference: Queen-Rent G80IS-M

### GENMAC Queen-Rent G80IS-M THREE-PHASE GENERATOR 90,0KVA

The generator GENMAC Queen-Rent G80IS-M three-phase is equipped with a Iveco diesel-powered engine capable of delivering a power of 90,0KVA with AVR voltage regulator.

The generator is equipped with an oversized Iveco engine capable of delivering a continuous power of 83.0KVA and a maximum power of 90,0KVA. Thanks to the 100l tank the Genmac Infinity generator has an autonomy of up to 12 hours of work.

The 90,0KVA 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 Queen-Rent G80IS-M 90,0KVA

Voltage regulator : AVR  
Power supply: Diesel  
Starting: Electric  
Three-phase  
Continuous output: 66,0KW  
Continuous output: 83,0KVA  
Maximum Output: 72,0KW  
Maximum output: 90,0KVA  
Voltage: 400V  
Frequency: 50 Hz  
1500 revolutions per minute  
Tank capacity: 270 l  
Autonomy @ 75%: 18 h fixed revolutions  
Sound pressure @7m: 66 dBa  
Length (mm): 2950  
Width (mm): 1056  
Height (mm): 1800  
Dry weight (Kg): 1500

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)	72.0
Continuous power three phase (KW)	66.0
Maximum power three phase (KVA)	90.0
Continuous power three phase (KVA)	83.0
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	400
Engine	FPT (IVECO) N45SM3, 4 stroke, turbo-aftercooler
Engine rpm (rpm)	1500

Starting system	Elettrico
Cooling	Water
Poles	2
Fuel tank capacity (L)	
Running time (h)	18
Acoustic pressure	66 dB(A)
Length (mm)	
Width (mm)	
Height (mm)	
Dry weight (Kg)	
Silenced	Yes
Super silenced	No
Voltage regulator	AVR
Engine manufacturer	FPT Iveco