



GENMAC Infinity-Rent G20PS Generator Set 22KVA AVR

Reference: INFINITY-RENT G20PS

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GENMAC Infinity-Rent G20PS 22KVA AVR Generator Set: Power and reliability at your fingertips

The GENMAC Infinity-Rent G20PS is a three-phase genset designed to deliver reliable and durable performance in a variety of applications. With a maximum output of 22 kVA and a continuous output of 20 kVA, this generator is capable of powering a wide range of electrical devices in both domestic and professional applications.

Main features GENMAC Infinity-Rent G20PS:

Powerful and reliable engine: The heart of the generator is the Perkins 404J-22G diesel engine, synonymous with robustness and durability.

Stamford alternator: The Stamford S0L2-G1 alternator guarantees stable, high-quality current, protecting your equipment from voltage fluctuations.

Flexibility: Thanks to several sockets (Schuko, 16A, 32A), you can connect a wide range of devices, both single-phase and three-phase.

Genmac Autonomy: With a 50-litre tank and low consumption, this generator offers an autonomy of approximately 13 hours at 75% load.

Genmac Silent: The noise level of only 62 dBA at a distance of 7 metres makes it ideal for use in residential or noise-sensitive environments.

Compact and manoeuvrable Genmac: The small size and relatively low weight make the generator easy to transport and install.

Voltage regulator: The system guarantees a stable output voltage and protects your devices from surges.

GENMAC Infinity-Rent G20PS control panel:

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 circuit breaker

DSE4510 control unit

- Voltmeter, Frequency Meter, Ammeter

- Generator power reading (kW, kV Ar, kV A & pf)

- Hour Meter

- Fuel meter

- Overload protection (kW & kV Ar)

- Low oil pressure protection

- High coolant temperature protection

- Low fuel level protection
 - Battery charging alternator failure
 - Overspeed protections
- Emergency Stop button
Remote Start/Auto Start Connector
On/off switch

AVR voltage regulator

The AVR is indispensable to make the generator work at its best, it requires an electronic control system that guarantees the correct operation of the machine and the electrical network behind it.

In a GENMAC Infinity-Rent G20PS current generator is to keep the output stable. And if its operation is very simple when resistive loads are supplied, the matter is more complex in the case of predominantly inductive loads: the delayed current counteracts the inductor magnetic field, causing a voltage drop at the alternator's output terminals; to compensate for this, the AVR automatically intervenes by increasing the excitation current, until the output returns to its nominal value. If, on the other hand, the load is capacitive, the current magnetises the inductor causing an increase in output voltage, and the AVR intervenes by reducing the excitation current

TECHNICAL CHARACTERISTICS GENMAC Infinity-Rent G20PS:

Phase type: Single-phase / Three-phase
Three-phase continuous power: 20.0KVA / 16.0KW
Maximum three-phase power: 22.0KVA / 18.0KW
Engine: Perkins 404J-22G
Starter: Electric
Power supply: Diesel
Socket panel: 1 x Schuko 16A 230V - 2 x 16A 230V - 1 x 16A 400V - 1 x 32A 400V
Voltage: 230 / 400 V
Frequency: 50 Hz
Motor speed: 1500 rpm
Tank capacity: 50 l
Autonomy @ 75%: 13 h
Voltage regulator: AVR
Acoustic pressure @7m: 62 dBa
Length (mm): 1802
Width (mm): 752
Height (mm): 1130
Dry weight (kg): 644
Alternator: Stamford - S0L2-G1

If you are looking for another product similar to GENMAC Infinity-Rent G20PS but with different features then [CLICK HERE](#).

Non-binding images and technical data.

Technical Sheet

Phase	Single phase / Three phase
Continuous power single phase (KVA)	20
Continuous power three phase (KW)	16
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	230 / 400

Sockets configuration	No. 1 CEE 32A 400V - No. 1 CEE 16A 400V - No. 2 CEE 16A 230V - No. 1 Schuko 16A 230V
Engine	Perkins 404J-22G
Engine rpm (rpm)	1500
Starting system	Electric
Alternator	STAMFORD
Tank capacity (L)	50
Running time (h)	13 at 75% of the load
Acoustic pressure	62 dB(A)
Length (mm)	1802
Width (mm)	752
Height (mm)	1130
Dry weight (Kg)	644
Voltage regulator	AVR