

# GENMAC Infinity-Rent G20PS Generator Set 22KVA AVR



Product price:

**8.725,00 € tax excluded**

## Product description:

GENMAC Infinity-Rent G20PS 22KVA AVR Generator Set

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.

**Product features:**

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