

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 Generator Set 22KVA AVR and integrating the technical specifications provided:

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 power output of 22 kVA and a continuous power output of 20 kVA, this generator is capable of powering a wide range of electrical devices in both domestic and professional applications.

Key features:

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 devices from voltage fluctuations.

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

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

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 handy: The generator's small size and relatively low weight make it easy to transport and install.

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



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 for the generator to function at its best, as it all requires an electronic control system, an AVR, which guarantees the correct operation 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 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 phenomenon, 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:

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 then you can consult other terrestrial generators in our catalog.

Images and technical data are not binding.

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