



GENMAC APOLLO G500SS Generator Set 500KVA AVR

Reference: G500SS

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The GENMAC APOLLO G500SS Generator Set 500KVA AVR is a high performance three-phase generator designed for professional applications requiring continuous power and reliability. Equipped with a SCANIA DC13 072A 02 14 engine at 1500 rpm and water cooling, this diesel generator set provides a continuous PRP power of 500 kVA (400 kW) and a stand-by LTP power of 550 kVA (440 kW), ensuring operational continuity even in high load situations.

It operates at 50 Hz frequency with 400/230 V voltage and features an AVR voltage regulator for a stable and safe electricity supply. The 800-litre tank allows for approximately 11.5 hours of autonomy at 75% load, making it ideal for prolonged use without interruptions.

The compact and robust structure measures 4810 mm in length, 1600 mm in width and 2460 mm in height, with a dry weight of 5000 kg. Despite the power, the noise level is contained at 77 dB(A) at 7 meters, thanks to the silenced, although not super silenced, canopy.

The GENMAC APOLLO G500SS 500KVA AVR Generator Set is the ideal choice for construction sites, industrial plants, events and all situations that require reliable, continuous and electronically controlled energy.

Technical characteristics:

Continuous power (PRP): 500 kVA / 400 kW
Stand-by power (LTP): 550 kVA / 440 kW
Frequency: 50 Hz
Voltage: 400/230 V
Power factor: 0.8
PRP/LTP nominal current: 723 A / 795 A
Engine speed: 1500 RPM
Displacement: 12.7 litres
Number of cylinders: 6 in line
Aspiration: Turbo intercooler
Cooling: Liquid
Speed regulation: Electronic
Oil capacity: 36 L
Coolant capacity: 38 L
Fuel consumption 100% load: 101.3 L/h
Autonomy at 75% load: ? 11 hours

Excitation type: Self-excited
Regulation: AVR ($\pm 1\%$)
Fuel tank capacity: 800 L
Leakage collection tray: Yes
S235 JR steel chassis with anti-vibration mounts
Modular silenced bonnet with 40 mm sound-absorbing panels
Super-silenced integrated residential muffler
IP65 turret electrical panel with circuit breaker and remote control
Length: 4810 mm
Width: 1600 mm
Height: 2460 mm
Net weight: 5000 kg
Sound pressure at 7 m: 77 dBA
Engine: Scania -DC13 072A 02 14
Emissions Regulation: Not Emitted

Electrical panel features

QT2A-AMF25

Self-supporting metal IP65 turret

Magneto-thermal switch

ComAp AMF25 automatic control unit

- Voltmeter, Frequency meter, Ammeter
- Generator power reading (kW, kV Ar, kV A & pf)
- Hour meter
- Fuel gauge
- Overload protection (kW & kV Ar)
- Low oil pressure protection
- High coolant temperature protection
- Low fuel level protection
- Battery charger alternator failure
- Over-rev protections

Emergency Stop Button

Siren

Terminal block for Automatic Panel connection

RS232 port

Charging Battery

On/off switch

If you are looking for another product then you can consult our catalog other [gruppi elettrogeni terrestri](#).

Images and technical data are not binding. Please always consult the technical data sheet issued by the manufacturer. Manel Service does not assume responsibility for any changes made by the manufacturer.

Technical Sheet

Phase	Three phase
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	400/230
Engine	SCANIA, DC13 072A 02 14
Emissions Regulations	Not Emitted
Engine rpm (rpm)	1500
Cooling	Water
Fuel tank capacity (L)	800
Running time (h)	11.5 at 75% of the load
Acoustic pressure	77 dB(A) at 7 m
Length (mm)	4810
Width (mm)	1600
Height (mm)	2460
Dry weight (Kg)	5000
Silenced	Yes
Super silenced	No
Voltage regulator	AVR
Engine manufacturer	Scania
Continuous power PRP kVA	500
Continuous power PRP kW	400
Stand-by power LTP kVA	550
Stand-by power LTP kW	440