



PRAMAC GDW110P/FS3A Generator set 110KVA Stage IIIA

Reference: BC101TPA00E

PRAMAC GDW110P/FS3A 110KVA Stage IIIA Generator Set

PRAMAC GDW110P/FS3A 110KVA Stage IIIA Generator Set is a three-phase diesel generator set designed for industrial and emergency applications requiring reliable power and compliance with emission regulations. The Perkins 1104DE44TAG2 four-cylinder in-line engine with a displacement of 4399cm³ delivers a maximum power of 88kW (110kVA) and a continuous power of 80kW (100kVA) at 400V and 50Hz, regulated by an electronic speed system and an AVR for the voltage. The Mecc Alte ECP34-2S 4C four-pole alternator ensures stable power generation, while the 350-litre fuel tank offers approximately 17.8 hours of autonomy at 75% PRP load. The unit is quiet, with a noise level of 68dBA at 7m, and features electric start, water cooling and an ATS switchboard option. Its compact dimensions (2340x1100x1589mm) and dry weight of 1085kg facilitate transport and installation, while integrated silencer reduces noise impact in sensitive environments. This Stage IIIA model combines robustness, energy efficiency and compliance with emissions standards, making it ideal for construction sites, manufacturing plants and critical facilities that require continuous operation.

Technical specifications:

Maximum three-phase power (KW): 88
Continuous three-phase power (KW): 80
Maximum three-phase power (KVA): 110
Continuous three-phase power (KVA): 100
Fuel: Diesel
Frequency (Hz): 50
Voltage (V): 230/400
Engine: Perkins - 1104DE44TAG2
Speed ??governor: Electronic
Starter: Electric
Displacement (cm³): 4399
Number of cylinders: 4
Cylinder arrangement: In line
Cooling: Water
Alternator: Mecc Alte - ECP34-2S 4C
Number of poles: 4
Fuel tank capacity (L): 350
Autonomy (h): Autonomy at 75% PRP h 17.83
Sound power: 68 dBA at 7 m
Length (mm): 2340
Width (mm): 1100
Height (mm): 1589
Dry weight (Kg): 1085
Silenced: Yes

ATS switch panel: Optional
 Voltage regulator: AVR
 Engine brand: Perkins
 Emissions standard: Stage 3A

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Technical Sheet

Phase	Three phase
Maximum power three phase (KW)	88
Continuous power three phase (KW)	80
Maximum power three phase (KVA)	110
Continuous power three phase (KVA)	100
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	400
Engine	Perkins - 1104DE44TAG2
Emissions Regulations	STAGE 3A
Speed governor	Electronic
Starting system	Elettrico
Engine capacity (cm ³)	4399
Number cylinders	4
Cylinders' position	In line
Cooling	Water
Alternator	Mecc Alte - ECP34-2S 4C
Poles	4
Fuel tank capacity (L)	350
Running time (h)	Autonomy at 75% PRP h 17.83
Acoustic power	68 dBA at 7 m
Length (mm)	560
Width (mm)	1100
Height (mm)	1589
Dry weight (Kg)	1085
Silenced	Yes
ATS Switch device	Optional ATS
Voltage regulator	AVR

Engine manufacturer

Perkins
