



**Adresa:** STR PIRAMIDEI NR 5 PLOIESTI, PRAHOVA

**Cod Postal:** 100213

**Cod Fiscal:** RO18500831

**Registrul Comertului:** J29/819/2009

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## PRAMAC GSW 110

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#### Main specifications

Type	Canopied
Standby power LTP	108 kVA
Rated prime power (PRP)	102 kVA
Rated continuous power (COP)	97 kVA
Phases	3
Voltage	400 V
Frequency	50 Hz
Battery charger current	55 A
Circuit breaker	160
Ratio	0,97



### Caracteristici tehnice

#### Dimensional data

Length	3000 mm
Width	1150 mm
Height	1680 mm
Dry weight	1690 kg

#### Additional information

Fuel tank location	Internal
Fuel tank capacity	340 l
Running time at 100% PRP	15,29 h
Running time at 75% PRP	20 h
Measured acoustic power (LWA) at 10 mt	96,8 dBA
Noise level at 7 m	71,8 dBA
Guaranteed noise level (LWA)	97 dBA

#### Scale specifications

Electric protection grade	IP 23
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#### Engine specifications

Engine manufacturer	Deutz
Model	BF4M1013EC
Stroke	4, diesel
Fuel	Diesel
Number of cylinders and disposition	4, inline
Displacement	4760 cm <sup>3</sup>
Air intake	Turbocharged, CAC
Starting system	Electric
Nominal operating speed	1500 rpm
Speed governor	Mechanical
SAE	n.a.
Flywheel	n.a.
Continuous power COP	86,1 kW
Prime power PRP	91,1 kW
Lube oil capacity	11 l
Coolant capacity	19,7 l
Fuel consumption at 100% PRP	22 l/h
Fuel consumption at 75% PRP	17 l/h
Maximum lube oil consumption at PRP	0,3 %
Electric circuit voltage	12 V
Engine derating	1,0
Cooling fan	Mechanical

#### Alternator specifications

Alternator manufacturer	Stamford
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Poles	4
Revolution speed	1500 rpm
Continuous nominal power at 40°C - COP	100 kVA
Continuous nominal power at 27°C - PRP	106 kVA
Standby power at 27 °C - LTP	110 kVA
Continuous active power at 27°C - PRP	85 kW
Efficiency at 75% load	90,3 %
Efficiency at 100% load	90 %
Maximum admitted overload	10% for 1 hour every 12 hours of running time S2
Voltage regulation system	Electronic
Alternator derating	1,0
<b>Equipments</b>	
Mechanical speed governor	Optional
Electronic speed governor	Optional
Radio interference suppression	Optional
Standard AVR (Automatic Voltage Regulator)	Optional
Optional AVR (Automatic Voltage Regulator)	Optional
Underspeed protection	Optional
12 V electric circuit	Optional
24 V electric circuit	Optional
Air intake filter	Optional
<b>Equipment: panel</b>	
On-board ACP (Automatic Control Panel)	Optional
ACP (Automatic Control Panel), delivered loose	Optional
On-board LTS (Load Transfer Switch) panel	Optional
LTS (Load Transfer Switch) panel, delivered loose	Optional
Power section with circuit breaker delivered loose	Optional
Power section with on-board circuit breaker	Optional
Differential protection	Optional
Engine coolant preheater	Optional
Manual oil draining pump	Optional
<b>Equipment: basic engine configuration</b>	
Optimized fuel consumption	Optional
<b>Equipment: starting system</b>	
Single pneumatic starter motor	Optional
Electric starter and compressed air starter	Optional
2 electric starters with separate power supply	Optional
<b>Equipment: batteries</b>	
Batteries	Optional
Battery liquid	Optional
Battery disconnecting device	Optional
<b>Equipment: fuel feeding system</b>	
Air filters with contamination indicator	Optional
Fuel level sensor (minimum and maximum)	Optional
Fuel main filter	Optional
Fuel prefilter water separator	Optional
Electric valve for fuel circuit	Optional
<b>Equipment: lube oil system</b>	
Lube oil filler neck, dipstick	Optional
Lube oil fine filter	Optional
Lube oil cooler	Optional
<b>Equipment: exhaust line</b>	
No silencer option	Optional
Catalytic silencer	Optional
Sparkarrester	Optional
Flexible exhaust compensator	Optional
Connection flanges to exhaust line	Optional
<b>Equipment: silencer</b>	
Industrial silencer -15 dB(A)	Optional
Residencial silencer -35 dB(A)	Optional
<b>Equipment: engine switches and senders</b>	
Fuel minimum level switch	Optional
Coolant minimum level switch	Optional
Coolant temperature switch	Optional
Coolant temperature sender	Optional
Lube oil minimum level switch	Optional
Lube oil minimum pressure switch	Optional
Lube oil maximum temperature switch	Optional

Lube oil temperature sender

Optional

Lube oil pressure sender

Optional