



Adresa: STR PIRAMIDEI NR 5 PLOIESTI, PRAHOVA

Cod Postal: 100213

Cod Fiscal: RO18500831

Registrul Comertului: J29/819/2009

Contact: Tel: 0244.407.230; Fax: 0244.436.090

E-mail: romania@pramac.com

Web: www.pramac.ro

PRAMAC GBL 42

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Main specifications

Type	Canopied
Standby power LTP	43 kVA
Rated prime power (PRP)	41 kVA
Rated continuous power (COP)	39 kVA
Phases	3
Voltage	400 V
Frequency	50 Hz
Battery charger current	55 A
Circuit breaker	63
Ratio	0,99



Caracteristici tehnice

Dimensional data

Length	2000 mm
Width	920 mm
Height	1300 mm
Dry weight	942 kg

Additional information

Fuel tank location	Internal
Fuel tank capacity	51 l
Running time at 100% PRP	5,42 h
Running time at 75% PRP	7 h
Measured acoustic power (LWA) at 10 mt	91 dBA
Noise level at 7 m	66 dBA
Guaranteed noise level (LWA)	92 dBA

Scale specifications

Electric protection grade	IP 21
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Engine specifications

Engine manufacturer	Deutz
Model	BF4M2011
Stroke	4, diesel
Fuel	Diesel
Number of cylinders and disposition	4, inline
Displacement	3110 cm ³
Air intake	Turbocharged
Starting system	Electric
Nominal operating speed	1500 rpm
Speed governor	Mechanical
SAE	n.a.
Flywheel	n.a.
Continuous power COP	34,6 kW
Prime power PRP	36,4 kW
Lube oil capacity	10 l
Coolant capacity	n.a.
Fuel consumption at 100% PRP	9 l/h
Fuel consumption at 75% PRP	7 l/h
Maximum lube oil consumption at PRP	0,5 %
Electric circuit voltage	12 V
Engine derating	1,0
Cooling fan	Mechanical

Alternator specifications

Alternator manufacturer	MeccAlte
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Poles	4
Revolution speed	1500 rpm
Continuous nominal power at 40°C - COP	40 kVA
Continuous nominal power at 27°C - PRP	42,5 kVA
Standby power at 27 °C - LTP	44,6 kVA
Continuous active power at 27°C - PRP	34 kW
Efficiency at 75% load	91,2 %
Efficiency at 100% load	90,8 %
Maximum admitted overload	10% for 1 hour every 12 hours of running time S2
Voltage regulation system	Electronic
Alternator derating	1,0
Equipments	
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
Equipment: panel	
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
Equipment: basic engine configuration	
Optimized fuel consumption	Optional
Equipment: starting system	
Single pneumatic starter motor	Optional
Electric starter and compressed air starter	Optional
2 electric starters with separate power supply	Optional
Equipment: batteries	
Batteries	Optional
Battery liquid	Optional
Battery disconnecting device	Optional
Equipment: fuel feeding system	
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
Equipment: lube oil system	
Lube oil filler neck, dipstick	Optional
Lube oil fine filter	Optional
Lube oil cooler	Optional
Equipment: exhaust line	
No silencer option	Optional
Catalytic silencer	Optional
Sparkarrester	Optional
Flexible exhaust compensator	Optional
Connection flanges to exhaust line	Optional
Equipment: silencer	
Industrial silencer -15 dB(A)	Optional
Residencial silencer -35 dB(A)	Optional
Equipment: engine switches and senders	
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