

PRAMAC GSW 220

Item code: SC211TDAZ00



(purely indicative picture)



Main features

Standby power LTP : **176 kW**
Rated prime power (PRP) : **166 kW**
Rated continuous power (COP) : **150 kW**
Phases : **3**
Voltage : **400 V**
Frequency : **50 Hz**
Engine manufacturer : **Deutz**
Fuel : **Diesel**
Speed governor : **Electronic**

GSW 220 Series

This range of generators includes a complete instrumentation panel, which offers maximum protection and the highest endurance, making them suitable for many high demanding activities, such as rental, telecommunications, UPS systems and industrial applications.

Technical specifications

Main specifications

Type	Canopied
Standby power LTP	220 kVA
Standby power LTP	176 kW
Rated prime power (PRP)	207 kVA
Rated prime power (PRP)	166 kW
Rated continuous power (COP)	187 kVA
Rated continuous power (COP)	150 kW
Phases	3
Voltage	400 V
Frequency	50 Hz
Battery charger current	55 A
Circuit breaker	320
Ratio	0,99

Engine specifications

Engine manufacturer	Deutz
Model	BF6M1013FCP G3
Stroke	4, diesel
Fuel	Diesel
Number of cylinders and disposition	6, inline

Displacement	7150 cm ³
Air intake	Turbocharged, CAC
Starting system	Electric
Nominal operating speed	1500 rpm
Speed governor	Electronic
SAE	3
Flywheel	11,5 inches
Continuous power COP	161,6 kW
Prime power PRP	178,6 kW
Standby power LTP	196,6 kW
Lube oil capacity	20 l
Coolant capacity	27,3 l
Fuel consumption at 100% PRP	49 l/h
Fuel consumption at 75% PRP	37 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	MeccAlte
Model	ECO 38 2S
Poles	4
Revolution speed	1500 rpm
Voltage	400 V
Frequency	50 Hz
Continuous nominal power at 40°C - COP	200 kVA
Continuous nominal power at 27°C - PRP	210 kVA
Standby power at 27 °C - LTP	220 kVA
Continuous active power at 27°C - PRP	168 kW
Efficiency at 75% load	92,9 %
Efficiency at 100% load	92,7 %
Maximum admitted overload	10% for 1 hour every 12 hours of running time S2
Voltage regulation system	Electronic
Alternator derating	1,0
Protection grade	IP 21

Additional information

Fuel tank location	Internal
Fuel tank capacity	340 l
Running time at 100% PRP	6,92 h
Running time at 75% PRP	9 h
Measured acoustic power (LWA) at 10 mt	93,42 dBA
Noise level at 7 m	68,4 dBA
Guaranteed noise level (LWA)	94 dBA

Dimensional data

Length	3400 mm
Width	1250 mm
Height	2060 mm
Dry weight	2470 kg