

PRAMAC GSW 220D



(purely indicative picture)

Main features

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

GSW 195-220 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)	208 kVA
Rated prime power (PRP)	166 kW
Rated continuous power (COP)	n.a.
Rated continuous power (COP)	n.a.
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, intercooled
Starting system	Electric
Nominal operating speed	1500 rpm
Speed governor	Electronic
SAE	n.a.
Flywheel	n.a.
Continuous power COP	n.a.
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	Stamford
Model	UCI 274H
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	212 kVA
Standby power at 27 °C - LTP	220 kVA
Continuous active power at 27°C - PRP	170 kW
Efficiency at 75% load	93,3 %
Efficiency at 100% load	93,1 %
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 23

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	2070 mm
Dry weight	2735 kg