

PRAMAC GSW 170

Item code: SC161TDAZ00



(purely indicative picture)

Main features

Standby power LTP : **134 kW**
Rated prime power (PRP) : **127 kW**
Rated continuous power (COP) : **121 kW**
Phases : **3**
Voltage : **400 V**
Frequency : **50 Hz**
Engine manufacturer : **Deutz**
Fuel : **Diesel**
Speed governor : **Mechanical**

GSW 65-170 Series

The GSW range is available with a range of accessories providing a versatile solution to a variety of applications e.g. to support Telecommunications sites.

Technical specifications

Main specifications

Type	Canopied
Standby power LTP	167 kVA
Standby power LTP	134 kW
Rated prime power (PRP)	159 kVA
Rated prime power (PRP)	127 kW
Rated continuous power (COP)	151 kVA
Rated continuous power (COP)	121 kW
Phases	3
Voltage	400 V
Frequency	50 Hz
Battery charger current	55 A
Circuit breaker	250
Ratio	0,96

Engine specifications

Engine manufacturer	Deutz
Model	BF6M1013EC
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	Mechanical
SAE	n.a.
Flywheel	n.a.
Continuous power COP	131,1 kW
Prime power PRP	138,1 kW
Standby power LTP	145,1 kW
Lube oil capacity	20 l
Coolant capacity	23,1 l
Fuel consumption at 100% PRP	33 l/h
Fuel consumption at 75% PRP	25 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 274F
Poles	4
Revolution speed	1500 rpm
Voltage	400 V
Frequency	50 Hz
Continuous nominal power at 40°C - COP	160 kVA
Continuous nominal power at 27°C - PRP	170 kVA
Standby power at 27 °C - LTP	175 kVA
Continuous active power at 27°C - PRP	136 kW
Efficiency at 75% load	92,3 %
Efficiency at 100% load	92,1 %
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	180 l
Running time at 100% PRP	5,5 h
Running time at 75% PRP	7 h
Measured acoustic power (LWA) at 10 mt	97 dBA
Noise level at 7 m	72 dBA
Guaranteed noise level (LWA)	97 dBA

Dimensional data

Length	3500 mm
Width	1250 mm
Height	1650 mm
Dry weight	2060 kg