

PRAMAC GSW 275

Item code: SC251TWAW00



(purely indicative picture)

Main features

Standby power LTP : **220 kW**
Rated prime power (PRP) : **203 kW**
Rated continuous power (COP) : **203 kW**
Phases : **3**
Voltage : **400 V**
Frequency : **50 Hz**
Engine manufacturer : **Volvo**
Fuel : **Diesel**
Speed governor : **Electronic**

GSW 275-590 Series

A continuous power supply, provided by high power output and extended running time, makes this range of generators the most suitable for powering sites not connected to a mains power supply. This range is also ideal for running lighting systems during power failures.

Main specifications

Type	Canopied
Standby power LTP	275 kVA
Standby power LTP	220 kW
Rated prime power (PRP)	254 kVA
Rated prime power (PRP)	203 kW
Rated continuous power (COP)	254 kVA
Rated continuous power (COP)	203 kW
Phases	3
Voltage	400 V
Frequency	50 Hz
Battery charger current	60 A
Circuit breaker	400
Ratio	0,99

Engine specifications

Engine manufacturer	Volvo
Model	TAD740GE
Stroke	4, diesel
Fuel	Diesel
Number of cylinders and disposition	6, inline

Displacement	7280 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	220 kW
Prime power PRP	220 kW
Standby power LTP	242 kW
Lube oil capacity	29 l
Coolant capacity	36,9 l
Fuel consumption at 100% PRP	52 l/h
Fuel consumption at 75% PRP	39 l/h
Maximum lube oil consumption at PRP	0,04 %
Electric circuit voltage	24 V
Engine derating	1,0
Cooling fan	Mechanical

Alternator specifications

Alternator manufacturer	Stamford
Model	UCDI 274K
Poles	4
Revolution speed	1500 rpm
Voltage	400 V
Frequency	50 Hz
Continuous nominal power at 40°C - COP	250 kVA
Continuous nominal power at 27°C - PRP	265 kVA
Standby power at 27 °C - LTP	275 kVA
Continuous active power at 27°C - PRP	212 kW
Efficiency at 75% load	92,7 %
Efficiency at 100% load	92,4 %
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	330 l
Running time at 100% PRP	6,36 h
Running time at 75% PRP	8 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	1300 mm
Height	2150 mm
Dry weight	2823 kg