

PRAMAC GSW 510V ALTS Soundproof



(purely indicative picture)

Main features

Standby power LTP : **407 kW**
 Rated prime power (PRP) : **370 kW**
 Rated continuous power (COP) : **kW**
 Phases : **3**
 Voltage : **400 V**
 Frequency : **50 Hz**
 Engine manufacturer : **Volvo**
 Fuel : **Diesel**
 Speed governor : **Electronic**

GSW 275-590 Series

Low noise emissions (conforming to directive 2000/14/EC, related to environmental noise emissions), conformity to gas emission laws and high security (lockable panels, fireproof canopy) make these sets ideal for any public or industrial application, such as hospitals, supermarkets, factories.

Technical specifications

Main specifications

Type	Canopied
Standby power LTP	508 kVA
Standby power LTP	407 kW
Rated prime power (PRP)	462 kVA
Rated prime power (PRP)	370 kW
Rated continuous power (COP)	n.a.
Rated continuous power (COP)	n.a.
Phases	3
Voltage	400 V
Frequency	50 Hz
Battery charger current	5 A
Circuit breaker	800
Ratio	0,91

Engine specifications

Engine manufacturer	Volvo
Model	TAD1640GE
Stroke	4, diesel
Fuel	Diesel
Number of cylinders and disposition	6, inline
Displacement	16120 cm ³
Air intake	Turbocharged, intercooled
Starting system	Electric
Nominal operating speed	1500 rpm
Speed governor	Electronic
SAE	1
Flywheel	14 inches
Continuous power COP	n.a.
Prime power PRP	393 kW
Standby power LTP	432 kW
Lube oil capacity	48 l
Coolant capacity	93 l
Fuel consumption at 100% PRP	91 l/h
Fuel consumption at 75% PRP	68 l/h
Maximum lube oil consumption at PRP	0,11 %
Electric circuit voltage	24 V
Engine derating	1,0
Air-to-air intercooler	Yes
Air-to-water intercooler	No
Cooling fan	Mechanical

Alternator specifications

Alternator manufacturer	Stamford
Model	HCI544D
Poles	4
Revolution speed	1500 rpm
Voltage	400 V
Frequency	50 Hz
Continuous nominal power at 40°C - COP	550 kVA
Continuous nominal power at 27°C - PRP	575 kVA
Standby power at 27 °C - LTP	590 kVA
Continuous active power at 27°C - PRP	460 kW
Efficiency at 75% load	94,3 %
Efficiency at 100% load	94,1 %
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	636 l
Fuel tank capacity before low fuel level alarm	578 l

Optional extended fuel tank capacity	n.a.
Real extended fuel tank capacity	n.a.
Minimum leak proof tray capacity	777 l
Running time at 100% PRP	7,01 h
Running time at 75% PRP	9 h
Running time at 75% PRP before low fuel level alarm	8 h
Real running time at 100% PRP before low fuel level alarm	n.a.
Running time at PRP (extended tank)	n.a.
Real running time at 100% PRP before engine stop (extended tank)	n.a.
Measured acoustic power (LWA) at 10 mt	97,5 dBA
Noise level at 7 m	72,5 dBA
Guaranteed noise level (LWA)	98 dBA
EC Declaration of Conformity	Yes
Declaration of incorporation	No

Dimensional data

Length	4400 mm
Width	1560 mm
Height	2250 mm
Dry weight	4720 kg