

## PRAMAC GSW 415

Item code: SC371TWA000



(purely indicative picture)

### Main features

Standby power LTP	: <b>331 kW</b>
Rated prime power (PRP)	: <b>302 kW</b>
Rated continuous power (COP)	: <b>kW</b>
Phases	: <b>3</b>
Voltage	: <b>400 V</b>
Frequency	: <b>50 Hz</b>
Engine manufacturer	: <b>Volvo</b>
Fuel	: <b>Diesel</b>
Speed governor	: <b>Electronic</b>

### 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	414 kVA
Standby power LTP	331 kW
Rated prime power (PRP)	378 kVA
Rated prime power (PRP)	302 kW
Rated continuous power (COP)	n.a.
Rated continuous power (COP)	n.a.
Phases	3
Voltage	400 V
Frequency	50 Hz
Battery charger current	60 A
Circuit breaker	630
Ratio	0,94

## Engine specifications

Engine manufacturer	Volvo
Model	TAD1241GE
Stroke	4, diesel
Fuel	Diesel
Number of cylinders and disposition	6, inline
Displacement	12130 cm <sup>3</sup>
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	323 kW
Standby power LTP	354 kW
Lube oil capacity	35 l
Coolant capacity	44 l
Fuel consumption at 100% PRP	76 l/h
Fuel consumption at 75% PRP	57 l/h
Maximum lube oil consumption at PRP	0,11 %
Electric circuit voltage	24 V
Engine derating	1,0
Cooling fan	Mechanical

## Alternator specifications

Alternator manufacturer	MeccAlte
Model	ECO 40 1S
Poles	4
Revolution speed	1500 rpm
Voltage	400 V
Frequency	50 Hz
Continuous nominal power at 40°C - COP	400 kVA
Continuous nominal power at 27°C - PRP	420 kVA
Standby power at 27 °C - LTP	437 kVA
Continuous active power at 27°C - PRP	336 kW
Efficiency at 75% load	93,8 %
Efficiency at 100% load	93,5 %
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	610 l
Running time at 100% PRP	8,01 h
Running time at 75% PRP	11 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	4000 mm
Width	1600 mm
Height	2250 mm
Dry weight	4040 kg

Technical specifications are subject to change without notice