

GSW 110D

Item code: SC101TDAX00



(purely indicative picture)

Main features

Standby power LTP : **89 kW**
Rated prime power (PRP) : **84 kW**
Rated continuous power (COP) : **79 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	111 kVA
Standby power LTP	89 kW
Rated prime power (PRP)	105 kVA
Rated prime power (PRP)	84 kW
Rated continuous power (COP)	99 kVA
Rated continuous power (COP)	79 kW
Phases	3
Voltage	400 V
Frequency	50 Hz
Battery charger current	55 A
Circuit breaker	160
Ratio	0,99

Engine specifications

Engine manufacturer	Deutz
Model	BF4M1013EC
Stroke	4, diesel
Fuel	Diesel
Number of cylinders and disposition	4, inline

Displacement	4760 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	86,1 kW
Prime power PRP	91,1 kW
Standby power LTP	96,1 kW
Lube oil capacity	11 l
Coolant capacity	19,7 l
Fuel consumption at 100% PRP	22 l/h
Fuel consumption at 75% PRP	17 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	MeccAlte
Model	ECP 34 2S
Poles	4
Revolution speed	1500 rpm
Voltage	400 V
Frequency	50 Hz
Continuous nominal power at 40°C - COP	105 kVA
Continuous nominal power at 27°C - PRP	111 kVA
Standby power at 27 °C - LTP	116 kVA
Continuous active power at 27°C - PRP	89 kW
Efficiency at 75% load	92,5 %
Efficiency at 100% load	92,2 %
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	340 l
Running time at 100% PRP	15,29 h
Running time at 75% PRP	20 h
Measured acoustic power (LWA) at 10 mt	96,8 dBA
Noise level at 7 m	71,8 dBA
Guaranteed noise level (LWA)	97 dBA

Dimensional data

Length	3000 mm
Width	1150 mm
Height	1680 mm
Dry weight	1921 kg