

PRAMAC GBW 100

Item code: SB101TPAW00



(purely indicative picture)

Main features

Standby power LTP : **88 kW**
Rated prime power (PRP) : **80 kW**
Rated continuous power (COP) : **kW**
Phases : **3**
Voltage : **400 V**
Frequency : **50 Hz**
Engine manufacturer : **Perkins**
Fuel : **Diesel**
Speed governor : **Electronic**

GBW 65-110 Series

Compliant with noise and exhaust emissions regulations, this middle power rating range is designed to meet every kind of application where reliability without any specific or special requirements is needed.

Technical specifications

Main specifications

Type	Canopied
Standby power LTP	110 kVA
Standby power LTP	88 kW
Rated prime power (PRP)	100 kVA
Rated prime power (PRP)	80 kW
Rated continuous power (COP)	n.a.
Rated continuous power (COP)	n.a.
Phases	3
Voltage	400 V
Frequency	50 Hz
Battery charger current	65 A
Circuit breaker	160
Ratio	0,99

Engine specifications

Engine manufacturer	Perkins
Model	110AC-44TAG2
Stroke	4, diesel
Fuel	Diesel
Number of cylinders and disposition	4, inline

Displacement	4410 cm ³
Air intake	Turbocharged, CAC
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	89 kW
Standby power LTP	98 kW
Lube oil capacity	8 l
Coolant capacity	12,6 l
Fuel consumption at 100% PRP	30 l/h
Fuel consumption at 75% PRP	22 l/h
Maximum lube oil consumption at PRP	0,15 %
Electric circuit voltage	12 V
Engine derating	1,0
Cooling fan	Mechanical

Alternator specifications

Alternator manufacturer	Stamford
Model	UCI 274C
Poles	4
Revolution speed	1500 rpm
Voltage	400 V
Frequency	50 Hz
Continuous nominal power at 40°C - COP	100 kVA
Continuous nominal power at 27°C - PRP	106 kVA
Standby power at 27 °C - LTP	110 kVA
Continuous active power at 27°C - PRP	85 kW
Efficiency at 75% load	90,3 %
Efficiency at 100% load	90 %
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	120 l
Running time at 100% PRP	4,06 h
Running time at 75% PRP	5 h
Measured acoustic power (LWA) at 10 mt	95,6 dBA
Noise level at 7 m	70,6 dBA
Guaranteed noise level (LWA)	96 dBA

Dimensional data

Length	2380 mm
Width	1000 mm
Height	1301 mm
Dry weight	1365 kg