

PRAMAC GBW 65D



(purely indicative picture)

Main features

Standby power LTP	: 50 kW
Rated prime power (PRP)	: 46 kW
Rated continuous power (COP)	: 43 kW
Phases	: 3
Voltage	: 400 V
Frequency	: 50 Hz
Engine manufacturer	: Deutz
Fuel	: Diesel
Speed governor	: Mechanical

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	63 kVA
Standby power LTP	50 kW
Rated prime power (PRP)	58 kVA
Rated prime power (PRP)	46 kW
Rated continuous power (COP)	54 kVA
Rated continuous power (COP)	43 kW
Phases	3
Voltage	400 V
Frequency	50 Hz
Battery charger current	80 A
Circuit breaker	100
Ratio	0,9

Engine specifications

Engine manufacturer	Deutz
Model	BF4M2012 G2

Stroke	4, diesel
Fuel	Diesel
Number of cylinders and disposition	4, inline
Displacement	4040 cm ³
Air intake	Turbocharged
Starting system	Electric
Nominal operating speed	1500 rpm
Speed governor	Mechanical
SAE	n.a.
Flywheel	n.a.
Continuous power COP	49 kW
Prime power PRP	52 kW
Standby power LTP	58 kW
Lube oil capacity	8,5 l
Coolant capacity	15,9 l
Fuel consumption at 100% PRP	14 l/h
Fuel consumption at 75% PRP	10 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 224E
Poles	4
Revolution speed	1500 rpm
Voltage	400 V
Frequency	50 Hz
Continuous nominal power at 40°C - COP	60 kVA
Continuous nominal power at 27°C - PRP	61 kVA
Standby power at 27 °C - LTP	63 kVA
Continuous active power at 27°C - PRP	49 kW
Efficiency at 75% load	88,8 %
Efficiency at 100% load	88,7 %
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	120 l
Running time at 100% PRP	8,77 h
Running time at 75% PRP	12 h
Measured acoustic power (LWA) at 10 mt	95,85 dBA
Noise level at 7 m	70,9 dBA
Guaranteed noise level (LWA)	96 dBA

Dimensional data

Length	2380 mm
Width	1000 mm
Height	1301 mm
Dry weight	1292 kg

Installation data

Cooling fan air flow rate	90 m ³ /min
Combustion air flow at PRP	3,6 m ³ /min
Exhaust gas flow at PRP	4,18 m ³ /min
Exhaust gas temperature at LTP	566 °C
Exhaust pipe diameter	n.a.
Maximum admitted total exhaust backpressure	50 mbar