

## PRAMAC GBW 80

Item code: SB800TDA000



(purely indicative picture)

### Main features

Standby power LTP : **63 kW**  
Rated prime power (PRP) : **59 kW**  
Rated continuous power (COP) : **53 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	78 kVA
Standby power LTP	63 kW
Rated prime power (PRP)	74 kVA
Rated prime power (PRP)	59 kW
Rated continuous power (COP)	66 kVA
Rated continuous power (COP)	53 kW

Phases	3
Voltage	400 V
Frequency	50 Hz
Battery charger current	80 A
Circuit breaker	125
Ratio	0,9

### Engine specifications

Engine manufacturer	Deutz
Model	BF4M2012C
Stroke	4, diesel
Fuel	Diesel
Number of cylinders and disposition	4, inline
Displacement	4040 cm <sup>3</sup>
Air intake	Turbocharged, CAC
Starting system	Electric
Nominal operating speed	1500 rpm
Speed governor	Mechanical
SAE	3
Flywheel	11,5 inches
Continuous power COP	59,1 kW
Prime power PRP	66,1 kW
Standby power LTP	70 kW
Lube oil capacity	8,5 l
Coolant capacity	17,9 l
Fuel consumption at 100% PRP	16 l/h
Fuel consumption at 75% PRP	12 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 224F
Poles	4
Revolution speed	1500 rpm
Voltage	400 V
Frequency	50 Hz
Continuous nominal power at 40°C - COP	72,5 kVA

Continuous nominal power at 27°C - PRP	77 kVA
Standby power at 27 °C - LTP	80 kVA
Continuous active power at 27°C - PRP	62 kW
Efficiency at 75% load	89,9 %
Efficiency at 100% load	89,7 %
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 23

#### **Additional information**

Fuel tank location	Internal
Fuel tank capacity	120 l
Running time at 100% PRP	7,66 h
Running time at 75% PRP	10 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	1334 kg