

## PRAMAC GBW 45

Item code: SB450TPAW00



(purely indicative picture)



### Main features

Standby power LTP : **36 kW**  
Rated prime power (PRP) : **35 kW**  
Rated continuous power (COP) : **kW**  
Phases : **3**  
Voltage : **400 V**  
Frequency : **50 Hz**  
Engine manufacturer : **Perkins**  
Fuel : **Diesel**  
Speed governor : **Mechanical**

### GBW 15-45 Series

Family with optimized features specially focused to meet the needs of low investment applications. Generators of reduced dimensions and weight making it easy to transport and store. Ideal for rental use.

### Technical specifications

#### Main specifications

Type	Canopied
Standby power LTP	45 kVA
Standby power LTP	36 kW
Rated prime power (PRP)	44 kVA
Rated prime power (PRP)	35 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	63
Ratio	1,03

### Engine specifications

Engine manufacturer	Perkins
Model	1103A-33TG1
Stroke	4, diesel
Fuel	Diesel
Number of cylinders and disposition	3, inline
Displacement	3300 cm <sup>3</sup>
Air intake	Turbocharged
Starting system	Electric
Nominal operating speed	1500 rpm
Speed governor	Mechanical
SAE	n.a.
Flywheel	n.a.
Continuous power COP	n.a.
Prime power PRP	41,3 kW
Standby power LTP	45,6 kW
Lube oil capacity	7,9 l
Coolant capacity	10,2 l
Fuel consumption at 100% PRP	10 l/h
Fuel consumption at 75% PRP	8 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	BCI 184J
Poles	4
Revolution speed	1500 rpm
Voltage	400 V
Frequency	50 Hz
Continuous nominal power at 40°C - COP	42,5 kVA

Continuous nominal power at 27°C - PRP	44 kVA
Standby power at 27 °C - LTP	45 kVA
Continuous active power at 27°C - PRP	35 kW
Efficiency at 75% load	86,6 %
Efficiency at 100% load	86,3 %
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	51 l
Running time at 100% PRP	4,89 h
Running time at 75% PRP	7 h
Measured acoustic power (LWA) at 10 mt	89 dBA
Noise level at 7 m	64 dBA
Guaranteed noise level (LWA)	91 dBA

#### **Dimensional data**

Length	2000 mm
Width	920 mm
Height	1300 mm
Dry weight	965 kg