

# PRAMAC GBW 22Y



(purely indicative picture)

## Main features

Standby power LTP : **17 kW**  
 Rated prime power (PRP) : **15 kW**  
 Rated continuous power (COP) : **14 kW**  
 Phases : **3**  
 Voltage : **400 V**  
 Frequency : **50 Hz**  
 Engine manufacturer : **Yanmar**  
 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	21 kVA
Standby power LTP	17 kW
Rated prime power (PRP)	19 kVA
Rated prime power (PRP)	15 kW
Rated continuous power (COP)	18 kVA
Rated continuous power (COP)	14 kW
Phases	3
Voltage	400 V
Frequency	50 Hz
Battery charger current	40 A
Circuit breaker	32
Ratio	0,94

#### Engine specifications

Engine manufacturer	Yanmar
Model	4TNV88
Stroke	4, diesel

Fuel	Diesel
Number of cylinders and disposition	4, inline
Displacement	2190 cm <sup>3</sup>
Air intake	Natural
Starting system	Electric
Nominal operating speed	1500 rpm
Speed governor	Mechanical
SAE	4
Flywheel	7,5 inches
Continuous power COP	16,4 kW
Prime power PRP	18 kW
Standby power LTP	19,8 kW
Lube oil capacity	7,4 l
Coolant capacity	2,7 l
Fuel consumption at 100% PRP	5 l/h
Fuel consumption at 75% PRP	4 l/h
Maximum lube oil consumption at PRP	n.a.
Electric circuit voltage	12 V
Engine derating	1,0
Cooling fan	Mechanical

#### Alternator specifications

Alternator manufacturer	Linz
Model	E1S13 M/4/19
Poles	4
Revolution speed	1500 rpm
Voltage	400 V
Frequency	50 Hz
Continuous nominal power at 40°C - COP	n.a.
Continuous nominal power at 27°C - PRP	19 kVA
Standby power at 27 °C - LTP	20,9 kVA
Continuous active power at 27°C - PRP	15 kW
Efficiency at 75% load	86,5 %
Efficiency at 100% load	86 %
Maximum admitted overload	10% for 1 hour every 12 hours of running time S2
Voltage regulation system	Compound
Alternator derating	1,0
Protection grade	IP 21

#### Additional information

Fuel tank location	Internal
Fuel tank capacity	51 l
Running time at 100% PRP	9,89 h
Running time at 75% PRP	13 h
Measured acoustic power (LWA) at 10 mt	91,7 dBA
Noise level at 7 m	66,7 dBA
Guaranteed noise level (LWA)	93 dBA

### Dimensional data

Length	1600 mm
Width	870 mm
Height	1072 mm
Dry weight	556 kg

### Installation data

Cooling fan air flow rate	n.a.
Combustion air flow at PRP	n.a.
Exhaust gas flow at PRP	4,41 m <sup>3</sup> /min
Exhaust gas temperature at LTP	500 °C
Exhaust pipe diameter	n.a.
Maximum admitted total exhaust backpressure	n.a.