

# PRAMAC GBW 15Y



(purely indicative picture)

## Main features

Standby power LTP : **11 kW**  
Rated prime power (PRP) : **10 kW**  
Rated continuous power (COP) : **10 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	14 kVA
Standby power LTP	11 kW
Rated prime power (PRP)	13 kVA
Rated prime power (PRP)	10 kW
Rated continuous power (COP)	13 kVA
Rated continuous power (COP)	10 kW
Phases	3
Voltage	400 V
Frequency	50 Hz
Battery charger current	40 A
Circuit breaker	20
Ratio	1,03

#### Engine specifications

Engine manufacturer	Yanmar
Model	3TNV88
Stroke	4, diesel

Fuel	Diesel
Number of cylinders and disposition	3, inline
Displacement	1642 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	12,3 kW
Prime power PRP	13,5 kW
Standby power LTP	14,9 kW
Lube oil capacity	6,7 l
Coolant capacity	2 l
Fuel consumption at 100% PRP	4 l/h
Fuel consumption at 75% PRP	3 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/4/13
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	13 kVA
Standby power at 27 °C - LTP	14,3 kVA
Continuous active power at 27°C - PRP	10 kW
Efficiency at 75% load	85,4 %
Efficiency at 100% load	84,8 %
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	14,26 h
Running time at 75% PRP	19 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	1645 mm
Width	870 mm
Height	1072 mm
Dry weight	430 kg

### Installation data

Cooling fan air flow rate	n.a.
Combustion air flow at PRP	1,08 m <sup>3</sup> /min
Exhaust gas flow at PRP	4,17 m <sup>3</sup> /min
Exhaust gas temperature at LTP	540 °C
Exhaust pipe diameter	50 mm
Maximum admitted total exhaust backpressure	153 mbar