

## PRAMAC GSW 22

Item code: SC130SYAZ00



(purely indicative picture)



### Main features

Standby power LTP : **14 kW**  
Rated prime power (PRP) : **13 kW**  
Rated continuous power (COP) : **kW**  
Phases : **1**  
Voltage : **230 V**  
Frequency : **50 Hz**  
Engine manufacturer : **Yanmar**  
Fuel : **Diesel**  
Speed governor : **Mechanical**

### GSW 15-22 Series

This series provides the most professional way to fulfill small power requirements with highest reliability and excellent performance. Most popular range for residential areas and telecommunication sites.

### Technical specifications

#### Main specifications

|                              |          |
|------------------------------|----------|
| Type                         | Canopied |
| Standby power LTP            | 14 kVA   |
| Standby power LTP            | 14 kW    |
| Rated prime power (PRP)      | 13 kVA   |
| Rated prime power (PRP)      | 13 kW    |
| Rated continuous power (COP) | n.a.     |
| Rated continuous power (COP) | n.a.     |

|                         |       |
|-------------------------|-------|
| Phases                  | 1     |
| Voltage                 | 230 V |
| Frequency               | 50 Hz |
| Battery charger current | 40 A  |
| Circuit breaker         | 63    |
| Ratio                   | 0,98  |

### Engine specifications

|                                     |                      |
|-------------------------------------|----------------------|
| Engine manufacturer                 | Yanmar               |
| Model                               | 4TNE88               |
| 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                                 | n.a.                 |
| Flywheel                            | n.a.                 |
| Continuous power COP                | n.a.                 |
| Prime power PRP                     | 16,4 kW              |
| Standby power LTP                   | 18 kW                |
| Lube oil capacity                   | 8,6 l                |
| Coolant capacity                    | 2,7 l                |
| Fuel consumption at 100% PRP        | 4 l/h                |
| Fuel consumption at 75% PRP         | 3 l/h                |
| Maximum lube oil consumption at PRP | 0,3 %                |
| Electric circuit voltage            | 12 V                 |
| Engine derating                     | 1,0                  |
| Cooling fan                         | Mechanical           |

### Alternator specifications

|  |          |
|--|----------|
| Alternator manufacturer                | Stamford |
| Model                                  | BCI 184E |
| Poles                                  | 4        |
| Revolution speed                       | 1500 rpm |
| Voltage                                | 230 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  | 13 kW  |
| Efficiency at 75% load                 | 82,7 %   |
| Efficiency at 100% load                | 82 %   |
| 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                     | 55 l     |
| Running time at 100% PRP               | 12,95 h  |
| Running time at 75% PRP                | 17 h     |
| Measured acoustic power (LWA) at 10 mt | n.a.     |
| Noise level at 7 m                     | -25 dBA  |
| Guaranteed noise level (LWA)           | 0 dBA    |

#### **Dimensional data**

|            |         |
|------------|---------|
| Length     | 1800 mm |
| Width      | 830 mm  |
| Height     | 1150 mm |
| Dry weight | 713 kg  |