

# 25 kVA Marine Diesel Generator

This 25 kVA marine diesel generator is powered by a 2.4 liter turbocharged, 4-cylinder diesel engine. The compact and lightweight engine is optimized for low noise and vibration, making it suitable for boats and yachts.



## Product Overview

### Compact Marine Power Solution

The PMG-25SSR is a 2.4-liter turbocharged, 4-cylinder marine diesel generator set designed for reliability and efficiency. Engineered for boats and yachts, this unit features a compact, lightweight design optimized to minimize noise and vibration. It includes integrated cooling systems, such as a sea water pump and heat exchanger, to ensure stable operation even in demanding marine environments.

## Performance Metrics

### Key Performance Indicators

**25 kVA**

Rated Output (PRP)

**2.4 L**

Displacement

**58 dB(A)**

Sound Level @ 7m (50Hz)

**560 kg**

Total Weight

## Technical Specifications

SPECIFICATIONS	
Generating Set Model	PMG-25SSR
Engine	BAWYN 6242G2A BAWYN 423G2LA
Engine Rated Output	1500 RPM 1800 RPM
Engine Displacement	2.4L 2.7 kW
Generator	Maxi A124 MF12-A/A
Load Controller	HMC4000
Remote Controller	HMC3000M
Phase	DP / SW
Rated Rating	ESP PRP CSP FRP
Rated Power (kVA)	22.0 30.0 27.5 25.0
Rated Power (kW)	17.6 36.0 22.0 20.0
Rated Current (A)	80 72 100 90.9
Rated Voltage (V)	220 220 220 220
Rated Frequency (Hz)	50 50 60 60
Rated Power Factor	0.8 0.8 0.8 0.8
Sound Level @ 7m (dB(A))	58 58 60 60
Dimension (mm)	(L) 1080 x (W) 650 x (H) 740
Weight (kg)	560

\*Specifications are subject to change without prior notice.

Detailed technical specifications and performance ratings for the generator set.

### Engine Configuration

- 4-cylinder turbocharged diesel engine
- 2.4L piston displacement
- Water-cooled exhaust pipe
- Integrated sea water pump and heat exchanger

### Electrical Ratings Table

Parameter	50Hz (PRP)	60Hz (PRP)
Rated Power (kVA)	20.0	25.0
Rated Power (kW)	16.0	20.0
Rated Current (A)	72	90.9
Voltage (V)	220	220

## Compliance & Features

### Control Systems

- HMC4000 Host Controller
- HMC9800RM Remote Controller

### Compliance Standards

EU Stage IIIA, Marine Grade

## Physical Dimensions

### Generator Dimensions

1080mm (L) x 650mm (W) x 740mm (H)