

# Marine Power Generator

This marine generator is designed for reliable power generation in marine environments. Its robust construction and efficient cooling system ensure consistent performance for powering onboard electrical systems, navigation equipment, and other essential devices.



## ADDITIONAL IMAGES



## Overview

### High-Efficiency Marine Power Generation

This marine power generator is engineered for reliable, continuous duty in demanding maritime environments. Featuring a patented high-efficiency winding design and an advanced AVR system, it delivers superior power output with optimized fuel consumption. The robust construction includes a double-bearing design and enhanced ventilation, ensuring stable operation and long service life even in harsh conditions.

## Performance Metrics

### Key Performance Indicators

**1500 rpm**

Speed (50Hz)

**1800 rpm**

Speed (60Hz)

**0.8**

Power Factor

**4000 m.a.s.l**

Max Altitude

## Electrical Specifications

### Electrical Characteristics

Parameter	Value
Voltage	400V / 480V
Frequency	50Hz / 60Hz
Voltage Regulation	+/- 1%
Insulation Class	H
Winding Pitch	2/3

## Mechanical & Environmental

### Degree of Protection

IP23 • IP55

### Construction Type

Double Bearing

### Ambient Temperature Range

27°C to 60°C

## Advanced Features

### AVR Features

- Frequency compensation (low frequency protection)
- Solid state excitation
- EMI filtering
- Multi-voltage selection (110V, 220V, 440V)
- Parallel operation support

### Rotor & Stator Technology

Patented Rotary Lamination, Enameled Flat Copper Wire, Insulation Strengthening, Optimized Heat Dissipation