

Marine Alternator for Boats and Offshore Platforms

This marine alternator is designed for reliable power generation in marine environments. It features a durable enclosure and efficient cooling system to withstand harsh conditions.



ADDITIONAL IMAGES



Product Overview

High-Performance Marine Alternator

This synchronous generator is engineered for reliable power generation on marine vessels and offshore platforms. Built to withstand harsh operating environments, it features robust construction and advanced winding insulation systems for superior durability. The unit ensures stable electrical output, supporting complex marine electrical systems with high efficiency and minimal maintenance requirements.

Standards & Compliance

Certifications & Standards

IEC60034-1, GB755, BS4999-5000, NEMA MG 1.22, CE Marking

Technical Performance

Performance Metrics

| | | | |
|----------------------------------|---|----------------------------|-------------------|
| 10 % Overload Capacity | 300 %In Short Circuit Current | 50 max TIF Value | 2 % THF |
|----------------------------------|---|----------------------------|-------------------|

Operational Modes

- Continuous Duty (S1)
- Stand-by Duty
- Parallel Operation

Construction & Quality

Advanced Insulation Technology

The armature coils utilize dual-coated, Class H copper wires. The system employs continuous flow impregnation for low voltage windings and Vacuum Pressure Impregnation (VPI) for larger units, providing superior protection against humidity, dust, and environmental infiltration.

Rotor Balancing Standard

Exceeds IEC 60034-14 / ISO2372 requirements