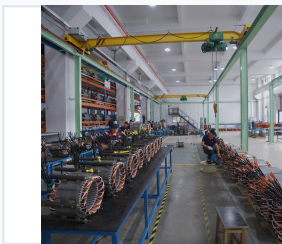


Two-Pole AC Alternator

This two-pole AC alternator is engineered for power generation applications, operating efficiently at 3000 rpm and 3600 rpm. Its durable construction ensures reliable and consistent power output for diverse industrial and commercial uses.



ADDITIONAL IMAGES



Overview

High-Performance 2-Pole AC Alternator

This robust 2-pole AC alternator is engineered for reliable power generation in both industrial and marine environments. Designed to operate efficiently at 3000 and 3600 RPM, it features a dynamically balanced rotor and advanced insulation for long-term durability in harsh conditions. With support for parallel connection and optional PMG excitation, this unit offers the versatility and stability required for demanding professional power applications.

Performance Metrics

Base Performance Ratings

5.5 kVA

KVA Base Rating

4.4 kW

kW Base Rating

7.9 A

Amps Base Rating

Technical Specifications

Electrical Characteristics

Parameter	Value
Voltage	400 V
Phase	3
Frequency	50 Hz
Speed	3000 RPM
Excitation Voltage	42 V
Excitation Amps	0.6 A

International Standards

GB755, BS5000 PART 3, VDE0530, NEMA MG1-32, IEC-34, CSA C22-100, AS1359

Construction & Design

Mechanical Design

- Dynamically balanced rotor
- Single bearing and double bearings optional
- Standard 2/3 pitch winding
- Insulation Class H
- Vacuum-varnished wound components
- IP23 Enclosure

Interference Ratings

THF < 2% • TIF < 50