

10kW AC Alternator with Copper Wire

This AC alternator utilizes 100% copper wire to ensure optimal conductivity and performance. It is a 10kW model and has received CE certification.



Overview

High-Performance 10kW AC Alternator

This 10kW AC alternator features robust 100% copper wire construction, designed for reliable power generation in industrial and marine environments. It offers flexible installation options with dynamic balancing and is compliant with major international electrical standards. Engineered for efficiency, it supports easy integration with power grids and includes advanced features like optional PMG excitation.

Electrical Specifications

Performance Metrics

10 kW Power Rating	12.5 kVA KVA Rating	400 V Voltage	17.9 A Rated Current	1500 RPM Speed	50 Hz Frequency
Power Factor			0.8		

Compliance & Standards

Compliance Standards	GB755, BS5000 PART 3, VDE0530, NEMA MG1-32, IEC-34, CSA C22-100, AS1359, CE
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Construction & Design

Insulation Class	H
Enclosure Protection	IP23
Mounting Method	Single Bearing
Weight	120 kg

Technical Features

Key Features

- 100% Copper wire construction
- Optional PMG alternator for invariable excitation
- Standard 2/3 pitch winding to avoid excessive neutral current
- Dynamically balanced rotor
- Easy voltage adjustment with 6/12 leads

Telephone Interference Levels

Standard	Limit
THF (BS EN60034-1)	< 2%
TIF (NEMA MG1-22)	< 50