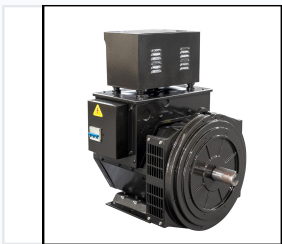


20KVA/16KW Brushless Alternator

This brushless alternator is designed for use in diesel generator sets, providing a reliable and efficient power generation solution. With a rated output of 20KVA/16KW, it is suitable for a variety of applications.



ADDITIONAL IMAGES



Overview

High-Performance Brushless Alternator

The BYG Series brushless AC synchronous alternator is engineered for reliability and efficient power generation in both industrial and marine environments. Featuring a robust 20KVA/16KW output, it utilizes a brushless design to minimize maintenance while ensuring consistent, stable performance. The unit is built to conform to leading international standards, incorporating advanced winding technology and high-quality AVR systems for optimal voltage regulation.

Performance Metrics

Rated Output

20 KVA
Rated Power

16 KW
Rated Power

Overload Capacity

- 150% of rated current for 2 minutes
- 110% of rated current for 1 hour every 6 hours

Electrical Specifications

Insulation Class

Class H

Unbalanced Load Tolerance

25 %

Key Electrical Features

Brushless Design, AVR Equipped, 2/3 Pitch Windings, Permanent Magnetic Excitation

Physical and Environmental

Enclosure Protection

IP22 • IP23

Interference Compliance

Standard Type	Limit
THF (BS4999 Part 40)	< 2%
TIF (ASA C50.12)	< 50

Rotor Balancing Standard

BS6861: Part 1 Grade 2.5