

Brushless Synchronous AC Alternator

Brushless synchronous AC alternators are designed for power generation applications. These alternators provide reliable and efficient conversion of mechanical energy into alternating current electrical power.



ADDITIONAL IMAGES



Overview

High-Performance AC Power Generation

This brushless synchronous AC alternator is engineered for robust and reliable energy conversion in industrial and commercial power generation applications. Featuring a 2/3 pitch winding design to eliminate third harmonics and an advanced excitation system, it ensures stable output and minimal wave distortion. Built to international standards, this unit provides exceptional durability and performance even in corrosive environments.

Excitation & Regulation

Voltage Regulation Accuracy

0.5 %

Regulation Precision

Compatible AVR Models

SX440, SX460, MX321, MX341

Electrical Features

Insulation Class

Class H

Interference Metrics

Metric	Value
THF (BS4999)	< 2%
TIF	< 50

Winding Design

2/3 pitch winding for harmonic elimination

Standards & Compliance

Regulatory Standards

- GBT/755
- BS5000 PART III
- VDE0503
- NEMA MG1-22
- IEC-34
- CSA C22-100
- AS 1359