

AC Synchronous Alternator

This AC synchronous alternator is designed for use as a power generating unit. It provides stable voltage and frequency, making it suitable for driving various types of electrical equipment.



ADDITIONAL IMAGES



Overview

STC Series Synchronous Alternators

The STC series three-phase AC synchronous alternators are engineered for reliable power generation in diverse settings, including ships, towns, and rural construction sites. These units feature a drip-proof design with a salient pole rotating field and self-excitation system for consistent voltage output. Designed to meet international standards, they offer excellent dynamic performance and straightforward maintenance for continuous operation.

Technical Specifications

Operating Frequency

- 50Hz
- 60Hz

Insulation Class

Class B • Class E • Class F

Voltage Options

115V, 120V, 230V, 240V

Performance Metrics

Voltage Regulation

5 %

Speed Change Tolerance

Operation Mode

Continuous Duty

Design Features

Design Characteristics

- Drip-proof construction
- Salient pole rotating field
- Self-excitation system
- Automatic voltage control

Coupling Methods

Direct, V-belt