

Three-Phase AC Synchronous Alternator

This three-phase AC synchronous alternator is engineered for reliable electricity generation. It features a durable enclosure and integrated electrical protection components, suitable for applications requiring a stable AC power source.



ADDITIONAL IMAGES



Product Overview

Professional AC Power Generation

This three-phase AC synchronous alternator is engineered for reliable power generation in diverse settings, from rural town sites to remote mountain locations. It features a robust drip-proof design with high-quality copper windings and advanced excitation systems to ensure consistent voltage output. Designed for ease of operation and simple maintenance, this unit meets professional standards for dynamic performance and long-term durability.

Technical Specifications

Rated Output Power

3 kW

STC-3 Model

15 kW

STC-15 Model

Key Performance Metrics

Parameter	Value
Voltage	230V / 380V / 400V
Frequency	50Hz (60Hz customizable)
Power Factor	0.8
Rated Speed	1500 RPM / 3000 RPM

Design and Build

Construction Features

- 3-phase, 4-wire, star connection
- Drip-proof enclosure
- Harmonic excitation system
- 100% copper windings
- Salient pole rotating field

Standards and Protection

IP21 Rating, Insulation Class B, Insulation Class H (Brushless), CE Certified, ISO9001 Certified