

# AC Synchronous Alternator

This AC synchronous alternator features a drip-proof, salient pole rotating field self-excitation and constant voltage design. High quality electric magnetic and electrical materials are used inside with class B insulation for the stator and rotor.



## Overview

### Professional AC Synchronous Alternator

This robust AC synchronous generator is engineered for reliable power production in industrial or standalone applications. Designed to operate at 50Hz, it provides stable output across both single and three-phase configurations to suit diverse operational requirements. The unit features a durable build with integrated cooling systems and intuitive controls, ensuring efficiency and longevity in demanding environments.

## Performance Metrics

### Performance Overview

**0.75 kW**

Power Output

**1 kVA**

Apparent Power

**1500 RPM**

Rated Speed

**0.8**

Power Factor

## Technical Specifications

### Electrical Parameters

Parameter	Value
Voltage (1-Phase)	230 V
Voltage (3-Phase)	400 V
Current (1-Phase)	3.7 A
Current (3-Phase)	1.8 A
Frequency	50 Hz

## Compliance and Build

Build Quality

Insulation Class B, Standard GB/DL301-1966