

# After Excitation AC Synchronous Generator

This AC synchronous generator features controlled phase after excitation and a reactor. It utilizes phase-current transformer feedback for electricity controlled phase composite complex self-excitation.



## Product Overview

### TZH Series Synchronous Generator

The TZH series is a controlled phase after-excitation AC synchronous generator engineered for high reliability and exceptional performance. It utilizes a composite complex excitation system to ensure constant voltage regulation and superior dynamic response. Built to meet international and national industrial standards, this series provides a stable power supply suitable for internal combustion engine-driven mobile power stations and various industrial applications.

## Technical Standards

### Industry Standards Compliance

JB/T8981-1999, GB2820-90

## Key Features

### Core Advantages

- Phase current transformer feedback excitation
- Excellent voltage waveform quality
- High steady-state voltage adjustment rate
- Robust construction for demanding environments
- Low maintenance requirements

## Operational Details

### Suitable Applications

- Internal combustion engine mobile power stations
- Land-use power generation
- Industrial frequency power supply
- Emergency lighting and power systems