

# AC Synchronous Alternator

These AC synchronous alternators are designed for dependable power generation in various settings. They offer robust construction and advanced excitation systems for consistent, efficient performance.



## Product Overview

### T2X Series Three-Phase Alternators

The T2X series is a range of high-performance three-phase compound excitation A.C. synchronous alternators designed for exceptional reliability and stable power delivery. These units offer significant improvements over traditional models, including superior dynamic response under load changes and the ability to start capacitor motors up to 70% of full load. With excellent voltage waveform quality and regulation, they are ideal for sensitive applications including computer-powered equipment.

## Technical Specifications

Excitation Method	Compound excitation
Phase	Three-phase

## Performance Metrics

Unbalanced Load Voltage Deviation	3 %
Capacitor Motor Starting	70 %

## Key Features

### Key Advantages

- Simple circuit design for high reliability
- Low maintenance requirements
- Excellent dynamic response to load changes
- Superior voltage waveform quality
- Stable operation under unbalanced loads

### System Highlights

Reliable • Dynamic Response • Easy Maintenance