

Three-Phase AC Brush Alternator

This three-phase AC brush alternator is designed for power generation in diverse settings. It features a brush excitation system for consistent voltage regulation and easy maintenance.



ADDITIONAL IMAGES



Product Overview

STC Series Three-Phase AC Brush Alternator

The STC series three-phase AC brush alternator is a robust and dependable power generation solution designed for diverse environments. Engineered with high-quality magnetic and electrical materials, this unit features a 3-phase, 4-wire star connection and is ideal for lighting and backup power in towns, rural areas, work-sites, and mountainous regions. Its brush excitation system and drip-proof, salient-pole rotating field design ensure stable voltage regulation and ease of maintenance.

Technical Specifications



Standard Performance

50 Hz

Standard Frequency

230 V

Standard Voltage

1500 RPM

Operating Speed

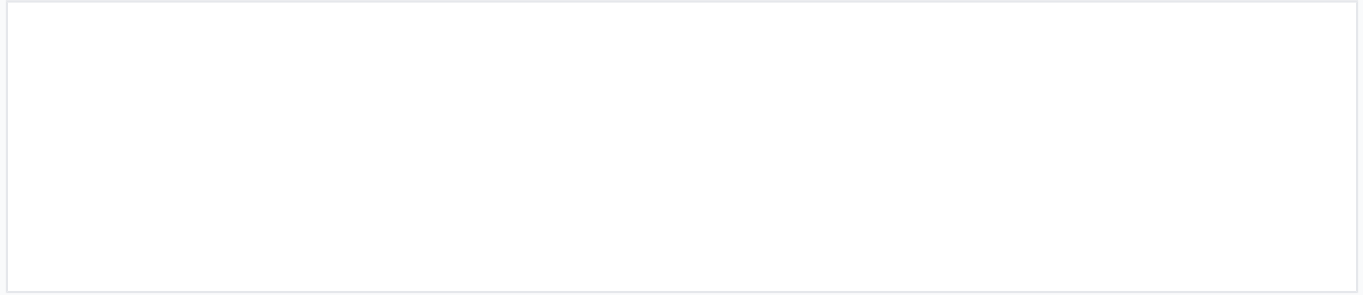
Build Quality

- Insulation Class B
- IP21 Protection Rating
- Drip-proof design
- 100% Copper windings

Electrical System

3-Phase, 4-Wire, Star Connection, Brush Excitation, Harmonic Excitation

Compliance and Usage



Industry Certifications

CE • ISO 9001

Typical Applications

- Emergency Backup Power
- Countryside Lighting
- Construction Work-sites
- Mountain and Pasture Power

Available Capacity Range

Model ID
STC-2KW
STC-3KW
STC-5KW
STC-7.5KW
STC-8KW
STC-10KW
STC-12KW
STC-15KW
STC-16KW
STC-20KW
STC-24KW
STC-30KW
STC-40KW
STC-50KW