

# 3kVA Brush Alternator

This 3kVA brush alternator is designed for power generation. It is suitable for various applications requiring single or three-phase power.



## ADDITIONAL IMAGES



## Overview

### Reliable Power Generation

The ST series brush alternators are designed as versatile power units for small-capacity applications, ideal for lighting on ships and residential use in rural areas. Featuring a robust drip-proof construction with a salient pole rotating field, these units ensure stable voltage output through a self-excitation system. Their design follows IEC standards, making them globally compatible for various industrial and domestic power needs.

## Performance Highlights

### Key Performance Metrics

**3 kVA**

Rated Capacity

**230 V**

Standard Voltage

**50 Hz**

Frequency

## Technical Specifications

### Available Voltages

- 115V
- 120V
- 230V
- 240V

### Frequency Options

- 50Hz
- 60Hz

### Excitation Type

Harmonic wave self-excitation or automatic voltage control

## Construction & Insulation

### Insulation Standards

Component	Insulation Class
Stator	Class E (or B)
Rotor	Class B

Enclosure Design	Drip-proof, salient pole rotating field
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## Operation

Operation Mode	Continuous duty
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Coupling Options	Direct Coupling, V-Belt
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## Compliance & Standards

### Quality Certifications

CE • ISO • GS • IEC Standard