

# ST Series 1-Phase Brush Alternator

ST Series generators are designed to serve as a power-generating unit of small capacity, supplying electricity for lighting and household electric devices. The generator's construction features a drip-proof, salient pole rotating field self-excitation and constant voltage type.



## Product Overview

### ST Series 1-Phase Brush Alternator

The ST Series generators are designed as compact power units, ideal for lighting applications on ships and for household electrical use in residential areas. These units feature a drip-proof, salient pole rotating field design with self-excitation and constant voltage control. Built for reliability, they utilize high-quality magnetic and electrical materials to ensure consistent performance and ease of maintenance.

## Technical Specifications

Insulation Class	Stator: Class E or B, Rotor: Class B
Excitation System	Harmonic wave self-excitation constant voltage system and automatic voltage control excitation
Construction Type	Drip-proof, salient pole rotating field

## Operating Conditions

Maximum Altitude	1000 m
Ambient Temperature	-15°C to 40°C
Max Relative Humidity	90 %

## Compliance

Standards  
IEC Standard