

Single-Phase AC Synchronous Generator

The ST series generators are designed to serve as a power generating unit of small capacity. They supply electricity for lighting in ships and for household electric devices in towns or villages.



Product Overview

Reliable Power Generation

The ST series single-phase AC synchronous generators are engineered for high-performance, constant voltage power supply in small-capacity applications. Featuring a drip-proof, salient pole rotating field design, these units are robust, easy to maintain, and built with high-quality electrical materials. They are suitable for both maritime lighting and residential power needs, meeting international standards for performance and reliability.

Technical Specifications

Key Performance Metrics

50 Hz

Frequency

1500 r.p.m

Rated Speed

1 cos ϕ

Power Factor

Insulation Class

Class E, Class B

Models and Capacity

Series Configuration

Model	Output (kW)	Voltage (V)	Series Current (A)
ST-1	1	230	8.7
ST-2	2	230	17.4
ST-3	3	230	26
ST-5	5	230	43.5
ST-7.5	7.5	230	65.2
ST-10	10	230	87
ST-12	12	230	104

Operational Features

Coupling Methods

- Direct coupling
- V-belt coupling

Operation Mode

Continuous Duty