

3-Phase AC Synchronous Generator

This generator provides a reliable electric power source for lighting in towns, rural areas, and worksites. It can also serve as a backup power source for emergency situations.



Overview

Professional Power Generation

The STC series 3-phase AC synchronous generators are designed for reliable performance in diverse environments, including rural, industrial, and mountain settings. Featuring a robust drip-proof, rotary field design with a harmonic excitation system, these units offer simple maintenance and user-friendly operation. They serve as an excellent primary power source for lighting or as a dependable reserve for emergency power applications.

Technical Specifications

Core Electrical Specs

400 V

Line Voltage

230 V

Phase Voltage

50 Hz

Frequency

0.8 lag

Power Factor

Design & Features

3-phase 4-wire, Star connection, Drip-proof, Rotary field type, Harmonic excitation

Performance Data

Technical Data by Model

Model	Power (kVA)	Power (kW)	Current (A)
STC-3	3.8	3	5.4
STC-5	6.3	5	9
STC-7.5	9.4	7.5	13.5
STC-8	10	8	14.4
STC-10	12.5	10	18.1
STC-12	15	12	21.7
STC-15	18.8	15	27.1
STC-20	25	20	36.1
STC-24	30	24	43.3
STC-30	37.5	30	54.1
STC-40	50	40	72.2
STC-50	62.5	50	90.2