

# 42.5-85 kVA Electric Power Alternator

This alternator is designed for electric power transmission and distribution applications, with a power output ranging from 42.5 to 85 kVA. It is engineered for reliable power generation in various industrial and commercial settings.



## Product Overview

### High-Performance Electric Power Alternator

The YDSF 224 series is a versatile 3-phase electric power alternator designed for reliable power generation across industrial and commercial applications. With a power output ranging from 42.5 to 85 kVA, these units are engineered for durability and feature efficient cooling systems for optimal performance. They are available in both single-bearing and double-bearing configurations to suit various mechanical requirements.

## Performance Metrics

### Power Output Range

**42.5 kVA**

Minimum Power

**85 kVA**

Maximum Power

Phase

3-Phase

## Mechanical Configuration

Bearing Configurations

Single-bearing, Double-bearing

Standard Adaptor & Coupling

Common SAE 3#11.5"

## Compatibility

### Available SAE Adaptor & Disc Sizes

SAE Housing	Coupling Disc Sizes (Inches)
SAE 1#	10", 11.5", 14"
SAE 2#	10", 11.5"
SAE 3#	8", 10", 11.5"
SAE 4#	8", 10"

## Documentation

### Technical Documentation

- Installation, Service and Maintenance Manual
- Fault Finding Manual
- Technical Data Sheets
- Mechanical Drawings (Single/Double Bearing)