

# 500KVA Alternator

This 500KVA alternator is engineered for reliable performance and efficient power conversion. It is designed for various industrial and commercial power generation needs.



## ADDITIONAL IMAGES



## Overview

### High-Performance 500KVA Brushless Alternator

This 500KVA alternator is a robust power generation solution engineered for reliable performance and efficient energy conversion in industrial and commercial environments. Featuring a brushless, self-excited design, it ensures stable voltage regulation and is compatible with a wide range of prime movers. It is an ideal choice for standby power, prime power, and distributed generation systems requiring durable construction and high-efficiency operation.

## Performance Metrics

### Key Performance Metrics

**500 kVA**

Rated Output

**400 kW**

Rated Power

**1500 RPM**

Min Speed

**1800 RPM**

Max Speed

## Technical Specifications

### Insulation Class

Class H

### Alternator Type

Brush-less, self-excited

### Voltage Range

110-480V

### SAE Standard

SAE1

## Application & Features

### Core Features

- High-efficiency design
- Stable voltage regulation
- Integrated ventilation for cooling
- Durable industrial-grade construction

### Suitable Applications

Standby Power, Prime Power, Distributed Generation, Industrial Use, Commercial Use