

# Variable Frequency Diesel Generator

This variable frequency generator features variable frequency startup and can be applied to electric equipment such as water pumps, air compressors and mixers. It is designed to save 30% on fuel consumption.



## Product Overview

### Variable Frequency Energy-Saving Generator

This advanced power generation unit is engineered for high efficiency and significant operational cost reduction. By utilizing a unique frequency conversion system, it allows for the starting of electric motors with equivalent power ratings, eliminating the need for the 2-3x power overhead required by standard generators. This technology delivers substantial fuel savings of 20-40% across various load types, making it an ideal, economical solution for remote locations where grid power is unavailable.

## Key Features

### Key Advantages

20-40% Fuel Savings, Frequency Conversion Technology, Efficient Motor Starting, Patented Design

## Technical Specifications

### Performance Metrics

**1500 r/min**  
Rated Speed

**50 Hz**  
Frequency

**400 V**  
Rated Voltage

### Operating Parameters

Parameter	Range
Frequency Range	20-60 Hz
Speed Range	600-1800 r/min
Insulation Class	B-Class
Magnetic Material	38SH

## Compliance

### Patent Certification

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