

Diesel Generator Set

This diesel generator set is engineered for efficient power generation. Its diesel engine provides stable and consistent power output, making it suitable for prime and standby applications.



Overview

Reliable Power Generation Solution

This diesel generator set is engineered for consistent and efficient power delivery in both prime and standby applications. Featuring a robust four-pole rotating magnetic field and an integrated auxiliary system, it ensures stable voltage regulation and minimal harmonic distortion. The unit is designed for durability and ease of installation, making it an ideal choice for demanding industrial and commercial environments.

Alternator Specifications

Insulation Grade

Class H

Alternator Type

Synchronous Alternator

Winding Pitch

2/3 pitch

Excitation System

Brushless, Rotating Exciter, Three-phase Rectified Bridge

Performance & Safety

Key Performance Features

- Sub/ultra harmonic elimination
- Excellent short circuit withstand ability
- Rotor damper windings for wave distortion minimization
- Optimized electromagnetic induction efficiency

Voltage Regulation

Compliant with ISO 8528G3

Installation & Design

Mounting Configuration

Single-ended support

Vibration Control

Yes

Wiring Standard

Three-phase four-wire, star connection

System Integration

Integrated Components

- Internal vibration damper
- Controller
- Starting system
- Auto-monitoring system