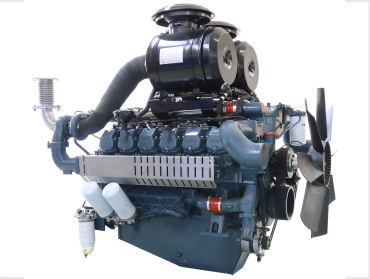
V-Configuration Diesel Engine for Power Generation

This high-performance diesel engine is designed for power generation applications. It features a V-configuration cylinder arrangement, an advanced fuel injection system, and an efficient air intake design.



Product Overview

High-Performance V-Configuration Diesel Engine

This advanced V-type diesel engine is engineered for reliable power generation, marine, and engineering applications. Utilizing a reinforced body structure and low compression-ratio design, it delivers high power output while maintaining low noise levels and exceptional durability. The engine's optimized 3D-modeled construction ensures it remains lightweight and easy to maintain, even in harsh climatic conditions ranging from extreme heat to arid environments.

Performance Metrics

Power Output Range

525 kW	832 kW
Minimum Power	Maximum Power

Technical Specifications

Compression Ratio
Low Compression-Ratio

Engine Configuration	V-type
Weight Optimization	At least 100kg lighter than comparable engines in the same power class

Applications

Recommended Use Cases

- Power Generators
- Marine Engines
- Auxiliary Engines
- Engineering Machinery

Operational Environment

Climatic Resilience	High Heat, Extreme Cold, Arid Regions

Design & Engineering

Engineering Standards

- 3D Modeling Optimization
- Finite Element Strength Analysis
- Reinforced Body Structure

Maintenance & Installation

Serviceability

- Simplified Installation
- Easy Maintenance Access
- High Reliability / Low Fault Rate