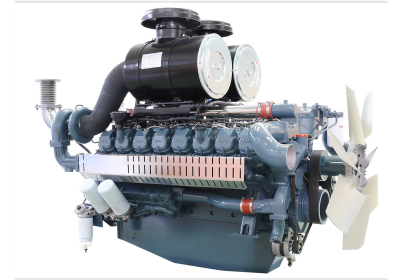


Diesel Engine for Power Generation

This diesel engine is designed for power generation applications. It features advanced air intake and exhaust systems, along with enhanced filtration and a protective heat shield.



Overview

High-Performance Diesel Engine for Power Generation

This V-type diesel engine series is engineered using advanced design principles to deliver a power range from 750kW to 1020kW. Featuring a reinforced body structure and a low compression-ratio design, it offers exceptional reliability and powerful performance with reduced noise levels. Its robust construction is specifically optimized to operate efficiently in harsh climatic conditions, including extreme heat, cold, and arid environments.

Performance Metrics

Power Output Range

750 kW

Minimum Power

1020 kW

Maximum Power

Technical Design

Engine Configuration

V-type • Low Compression-Ratio • Reinforced Structure

Structural Features

- 3D modeling optimized design
- Finite element strength analysis
- Lightweight construction (100kg lighter than equivalent power class)
- Dual air filtration system
- Corrugated expansion joint
- Multi-blade cooling fan

Applications

Primary Applications

Power Generator, Marine Engine, Auxiliary Engine, Engineering Machinery

Maintenance & Reliability

Reliability & Maintenance

- Easy maintenance design
- Simple installation process
- High-pressure fuel lines
- Multiple fuel and oil filtration stages
- Integrated protective heat shield

Environmental Adaptability

Operational Environment

Extreme Heat, Extreme Cold, Arid Regions, Low Noise Operation