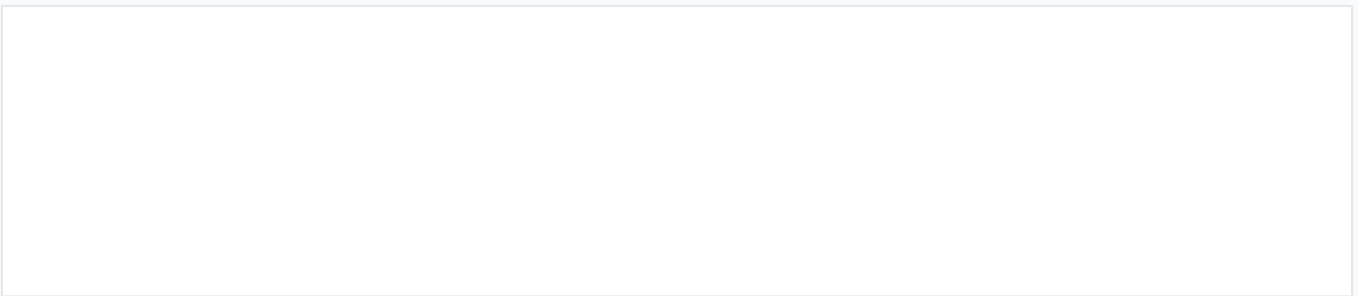


# Diesel Engine for Generator Sets

This diesel engine is designed for generator sets. It offers easier maintenance and a longer lifespan.



## Overview

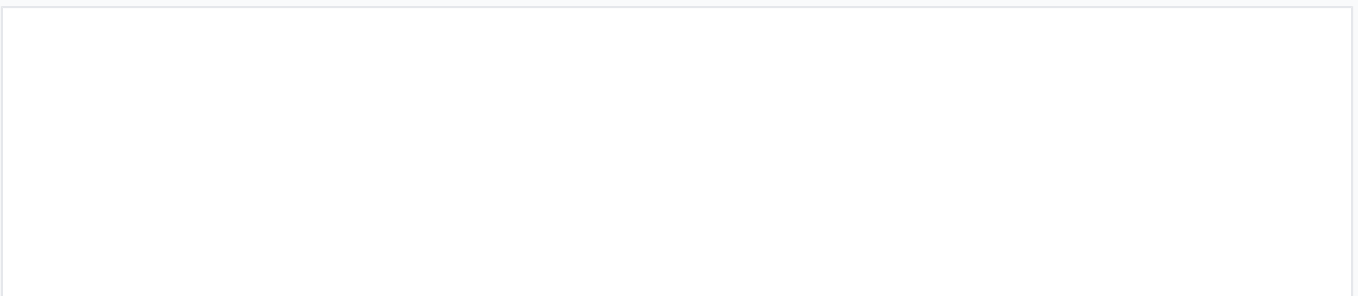


A complete diesel engine assembly featuring a turbocharger and integrated cooling radiator, mounted on a sturdy frame.

## High-Performance Diesel Engines for Generator Sets

These diesel engines are specifically engineered for generator sets, prioritizing ease of maintenance and extended service life. Designed for heavy-duty power generation, they feature robust construction with cast iron blocks and efficient cooling systems to ensure reliable performance in demanding industrial environments. With a variety of models available, these engines provide a versatile solution for consistent and durable power output.

## Key Features



Detailed view of the fuel injection system and filtration components designed for easy maintenance access.

### Core Benefits

- Easier to maintain for reduced downtime
- Longer service life through robust construction
- High-pressure fuel injection for efficiency
- Integrated turbocharging for enhanced performance
- Compact design for versatile installation

## Technical Configuration

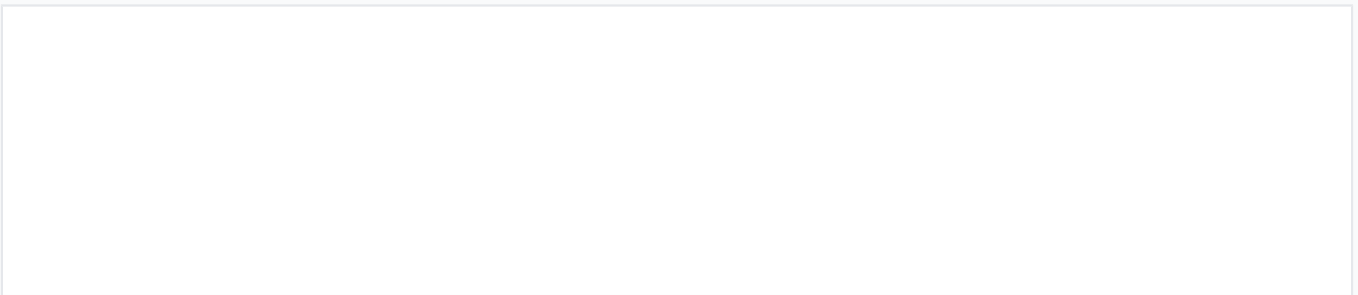


High-performance configuration featuring a turbocharger to maximize power output and efficiency.

### Standard Components

Turbocharger, Radiator, Starter Motor, Alternator, Air Cleaner, Fuel Injection System, Oil Filter

## Maintenance Guidelines

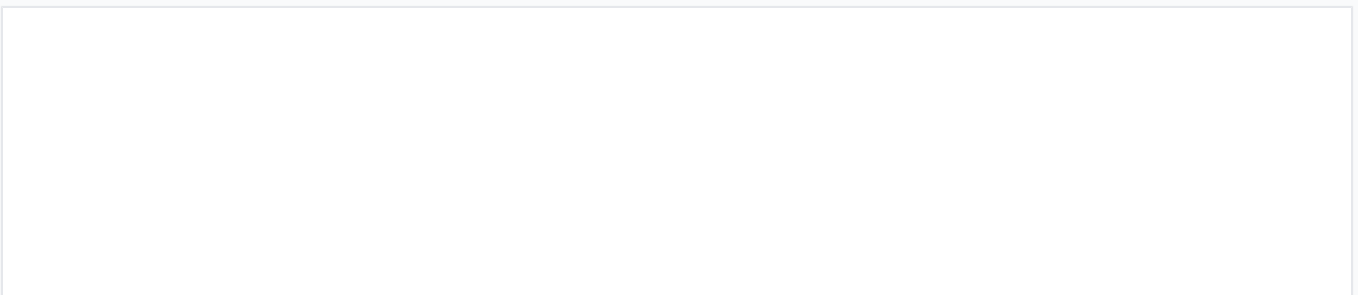


Engine unit showing clearly marked maintenance points for oil and fuel filter servicing.

### Oil Filter Service Intervals

| Action          | Interval (Hours) | Interval (Distance)  |
|-----------------|------------------|----------------------|
| Check and Clean | 1000H            | 40,000 - 50,000 km   |
| Replace Element | 4000H            | 150,000 - 200,000 km |

## Model Range



The compact design allows for easy integration into various generator set configurations.

### Available Engine Models

QC380D • QC385D • QC480D • N485D • QC490D • QC6112ZLD • QC4112ZLD • 4JR3ABD

## Construction



Robust cast iron construction ensures durability and vibration dampening during high-load operation.

**Engine Block Material**

Cast Iron

**Cooling Method**

Radiator-cooled with integrated fan