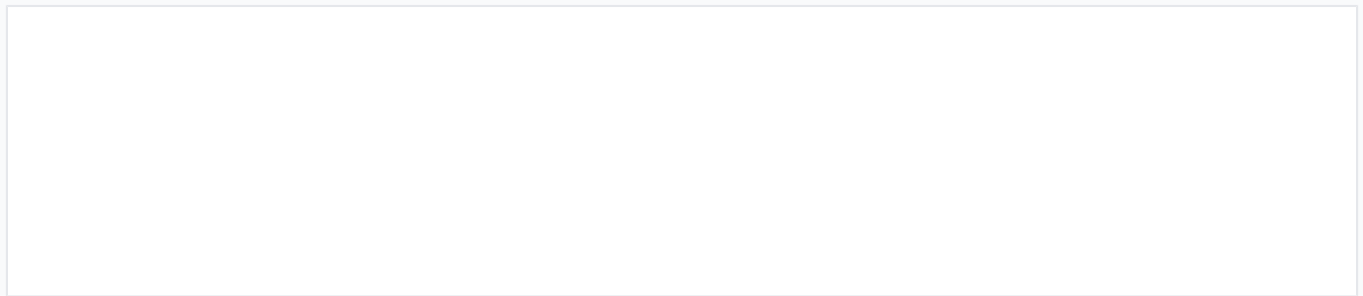


# Diesel Engine for Generator Sets

This diesel engine provides reliable power for generator set applications. It is designed for long-standing performance and durability.



## Overview

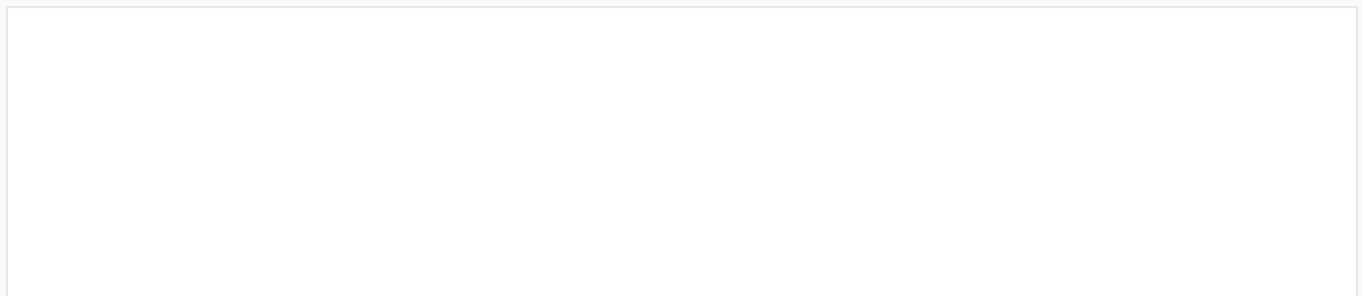


A robust diesel engine assembly featuring a turbocharger and integrated cooling system for generator applications.

### Reliable Power Solutions for Generator Sets

These diesel engines are specifically engineered to provide long-standing and reliable power for a wide range of generator sets. Featuring robust construction and efficient cooling systems, they are designed to perform consistently in demanding industrial and commercial environments. With multiple configurations available, including turbocharging and multi-cylinder designs, these engines offer versatile solutions for stable power generation.

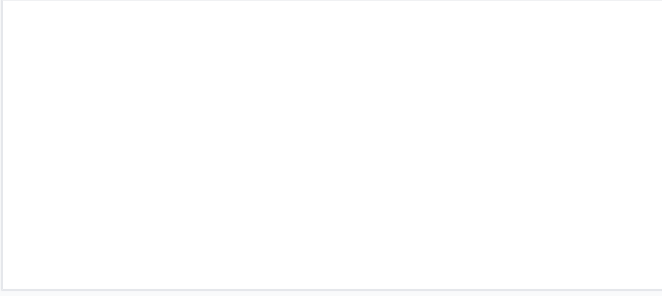
## Technical Specifications



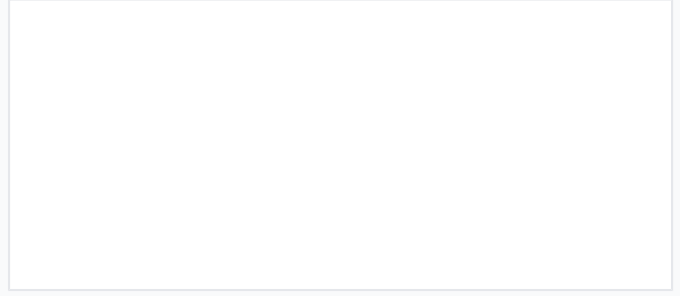
Variant model optimized for stable power output in generator sets.

<b>Available Engine Models</b>	QC6112ZLD, QC4112ZLD, QC380D, N485D, 4JR3ABD, QC480D, QC498D, 4102D, 4105D, 4JR3AD
<b>Bore &amp; Stroke (QC498D)</b>	98 x 105 mm

## Engine Architecture



Detailed view of the multi-cylinder configuration and high-pressure fuel injection system.



Equipped with comprehensive filtration systems to ensure long-term engine reliability.

### Aspiration

Turbocharged • Naturally Aspirated

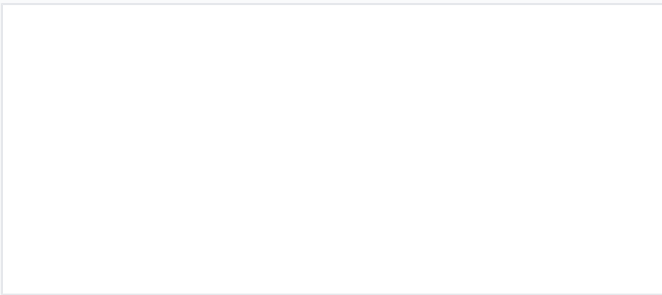
### Key Components

- High-pressure fuel injection system
- Multi-stage fuel and oil filtration
- Integrated starter motor and alternator
- Air cleaner assembly for intake filtration
- Heavy-duty flywheel for power transfer
- Sturdy base frame mounting

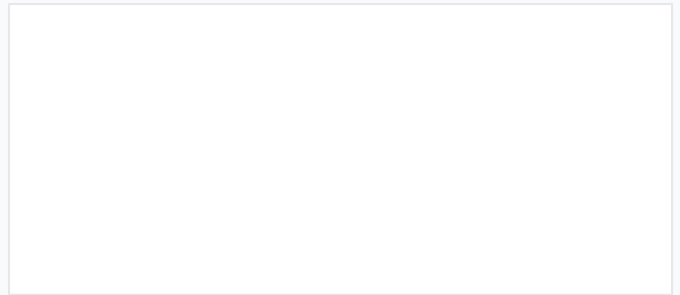
### Cooling Method

Liquid-cooled with radiator and belt-driven fan

## Performance & Build



Heavy-duty construction designed for durability in demanding industrial environments.



Compact four-stroke design featuring a mechanical fuel injection system and belt-driven cooling.

### Engine Cycle

Four-stroke

### Primary Applications

Industrial Power Generation, Commercial Backup Power, Agricultural Machinery, Heavy-duty Pumps