

# Diesel Engine for Power Generation

This diesel engine is designed for power generation applications. It features a mechanically governed fuel injection system for precise fuel delivery and optimal performance.

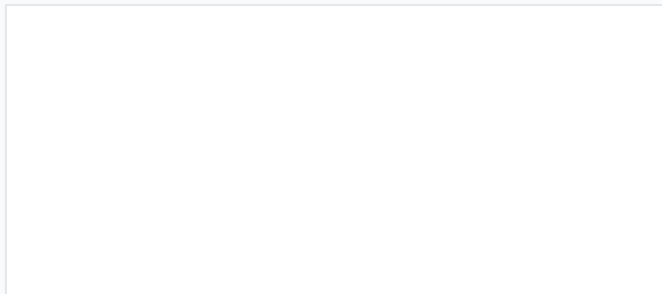


## Product Overview

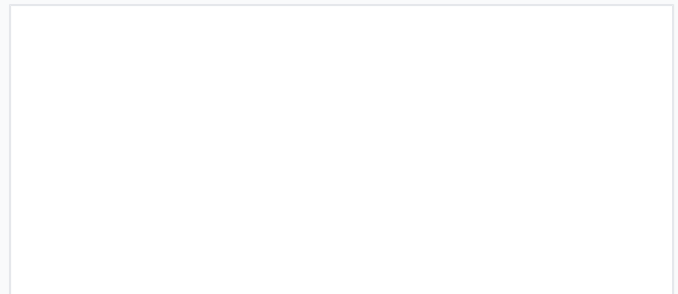
### Versatile Diesel Power Solutions

This range of budget-friendly diesel engines is specifically engineered for reliable power generation across various industrial and commercial applications. With power outputs ranging from 10kW to 28kW, these four-stroke engines offer a robust construction and efficient fuel combustion. Designed for longevity and ease of maintenance, they serve as an ideal prime mover for diesel generator sets in demanding environments.

## Technical Performance



A robust diesel engine featuring a radiator cooling system and fuel injection setup, optimized for power generation.



The four-stroke design utilizes a mechanically governed fuel system for precise delivery and optimal performance.

Available Power Outputs	10kW, 11kW, 12kW, 14kW, 22kW, 28kW
Engine Cycle	Four-stroke
Cooling Method	Radiator cooling with fan assembly

## Model Variants

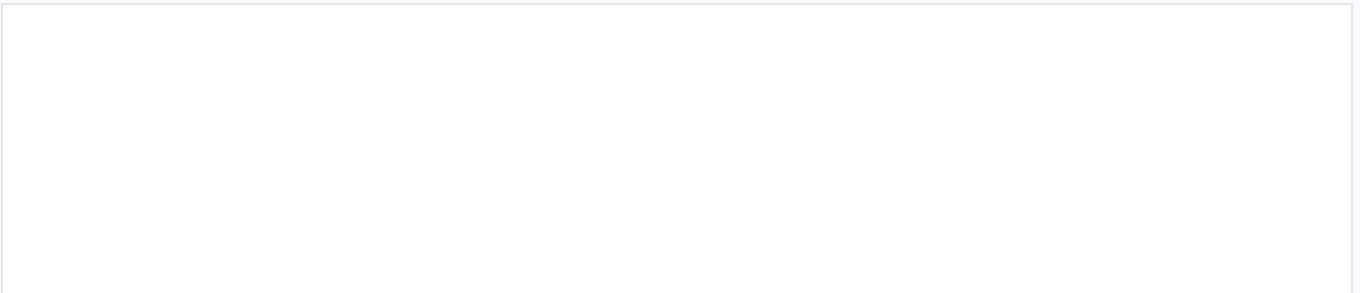


High-output models feature turbocharging and a cast iron block for demanding industrial applications.

### Supported Engine Models

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

## Engine Components

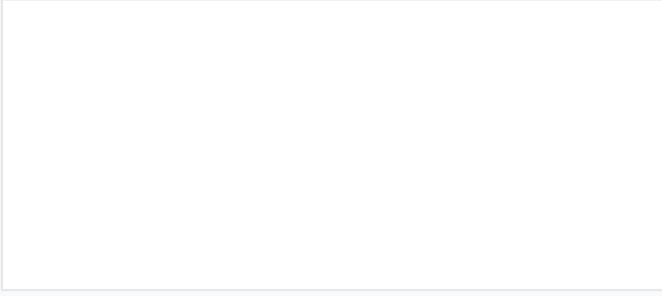


Detailed view of the integrated turbocharger, starter motor, and cooling fan assembly.

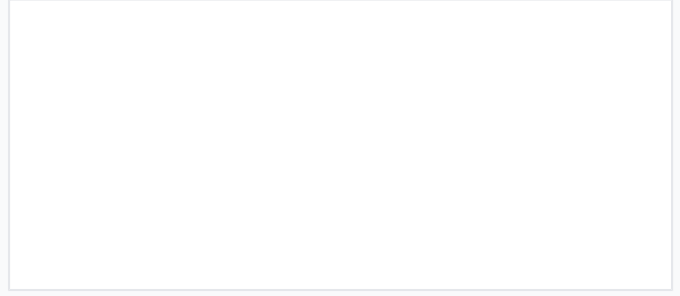
### Standard Components

- Mechanically governed fuel injection system
- Heavy-duty air filter assembly
- Integrated fuel and oil filtration
- Electric starter motor and alternator
- Turbocharger (on specific models)
- Flywheel housing for generator coupling

## Maintenance & Installation



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



Easy-access fuel filters and maintenance points ensure long-term reliable operation.

### Maintenance Requirements

- Check and tighten components after initial 40h-60h
- Replace filters every 6 months

### Construction

Cast Iron Block • Industrial Grade • High Power-to-Weight Ratio

### Mounting Type

Sturdy metal frame for stability and easy installation