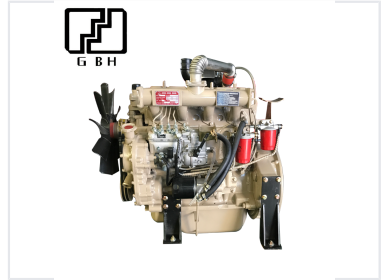


# 80 hp Diesel Engine for Power Generation

This diesel engine features a compact design for easy installation and convenient transportation. Increasing water filters make fuel cleaner, protecting the injector and high-pressure pump to prolong working life.



## ADDITIONAL IMAGES



## Product Overview



**TOP ENGINE MANUFACTURER**  
SINCE 1987



A robust diesel engine designed for high-efficiency power generation applications.

## High-Performance Diesel Engine for Power Generation

This diesel engine series features a compact design optimized for easy installation and transportation in various industrial settings. Engineered for longevity, it includes advanced water filtration to protect injectors and high-pressure pumps, ensuring an overhaul interval exceeding 10,000 hours. The use of specialized piston ring and valve sealing techniques significantly reduces fuel consumption while maintaining world-leading power indicators.

## Core Performance

### Key Performance Metrics

**10000 hours**

Overhaul Interval

**80 hp**

Max Power Output

## Technical Specifications

### Engine Model Comparison

Model	Cylinders	Displacement (L)	Bore*Stroke (mm)	KW @ 1500rpm	Weight (kg)
K4100D	L4	3.61	100×115	30.1	330
K4100ZD	L4	3.61	100×115	41.2	340
K4102ZD	L4	3.76	102×115	45	360
R4105ZD	L4	4.33	105×125	56	435
R6105ZD	L6	6.49	105×125	84	580

## Design Features

### Durability & Efficiency Features

- Compact design for convenient installation
- Enhanced water filtration for fuel system protection
- Specialized piston ring and valve sealing for low consumption
- High-frequency hardening on shaft diameters for wear resistance
- Forged high-pressure components for improved fatigue strength

## Quality & Compliance



Rigorous quality control processes ensure dimensional accuracy and performance standards.

### Standards & Certifications

ISO 9001:2015, CE, CCS (China Classification Society), GB/T19001-2016

## Applications



Versatile applications including telecommunications, hospitals, and heavy machinery.

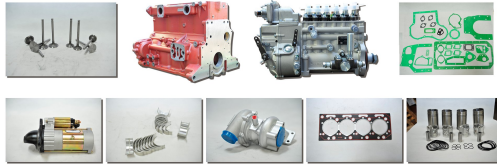
### Primary Applications

Power Generation • Telecommunications • Industrial Construction • Marine Power • Agricultural Machinery • Emergency Backup

## Maintenance



### GENUINE PARTS



A comprehensive range of genuine components ensures long-term maintenance support.

### Maintenance Guidelines

- Initial oil and filter change after 50 hours
- Standard oil and filter change every 250 hours
- Regular air and fuel filter inspection required
- Check coolant and oil levels before every start

## Logistics



### PACKING



Secure wooden crating and moisture protection for safe international shipping.

### Shipping & Packaging

Engines are wrapped in protective plastic and secured in wooden crates with silica gel desiccants for moisture control during international transit.