

# V12 Diesel Engine for Gensets

This diesel engine is designed for genset applications. Its V12 configuration ensures smooth and reliable power delivery for consistent performance.



## Overview

### High-Performance V12 Genset Engine

The 12V135BZLD1 is a robust V12 diesel engine specifically engineered for reliable power generation. Featuring a 4-stroke, water-cooled design with turbocharging and intercooling, it delivers consistent performance for demanding genset applications. Its electronic governor and high displacement ensure stable, efficient operation across diverse power needs.

## Performance Metrics

Rated Power (1h)

**510 kW**

Rated Power

Rated Speed	1500 rpm
Idle Speed	750 rpm

## Engine Specifications

Engine Configuration	V12, Direct Injection, 4-Stroke, Water Cooled
Aspiration Type	Turbocharged with intercooler
Total Displacement	26.6 L
Compression Ratio	16:1
Bore / Stroke	135 / 155 mm

## Efficiency & Emissions

Specific Fuel Consumption	200 g/kw.h
Lubricating Oil Consumption	0.7 g/kw.h
Filter Smoke Number (FSN)	2.5
Noise Level	119 dB

## Control & Dimensions

Governor Type	Electronic governor
Stable State Rate	5% (0~5% Adjustable)
Net Weight	1950 kg
Dimensions (L*W*H)	1755*1150*1370 mm