

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