

G-Drive Diesel Engine, 1120-1985 kW

This G-drive diesel engine provides between 1120-1985 kW of power. It features a durable design, advanced combustion, and turbocharging for reliable power generation and fuel efficiency.



Overview

High-Performance G-Drive Diesel Engine

This heavy-duty diesel engine series delivers power outputs ranging from 1120 to 1985 kW, specifically engineered for reliable power generation applications. It utilizes advanced electronic unit pump and four-valve combustion technologies to achieve superior fuel efficiency, reduced emissions, and high-quality loading performance. Designed for durability and ease of maintenance, the engine features a robust reinforced grid structure and high-quality alloy steel crankshafts, ensuring long service life under demanding conditions.

Technical Specifications

Performance Ratings at 1500 RPM

Model	Prime Output (kW)	Standby Output (kW)	Prime kVA	Standby kVA
YC12VC2070-D31	1380	1520	1200	1500
YC12VC2270-D31	1520	1670	1350	1688
YC12VC2510-D31	1680	1850	1500	1875
YC12VC2700-D31	1805	1985	1700	2125

Performance Ratings at 1200 RPM

Model	Prime Output (kW)	Standby Output (kW)	Prime kVA	Standby kVA
YC12VC2170-D33	1450	1595	1200	1500

Design Features

Engineering Highlights

- High-strength reinforced grid structure with cambered surface
- One head per cylinder design for modularity
- 4-bolt main bearing structure for high stiffness
- All-fiber extrusion forged alloy steel crankshaft
- Journal and circular bead quenching heat treatment
- Side-mounted maintenance access windows

Performance Class

G3 Performance