

Product Specifications For CG132B-16



Generator Set Specifications

Continuous Rating	800 kW @1.0pf
Fuel Type	Natural Gas, Biogas, Hydrogen Blend (up to 25%)
Maximum Electrical Efficiency	43.5% / 42.6%
Maximum Standby Rating	800 kW
Frequency	50 / 60 Hz
RPM	1500 / 1800 rpm

Engine Specifications

Engine Model	CG132
Displacement	35 l
Aspiration	TA
Bore	132 mm
Stroke	160 mm

Generator Set Dimensions

Length	4200 mm
Width	1780 mm
Height	2150 mm
Dry Weight - Genset	8070 kg

CG132B-16 Standard Equipment

Air Inlet

Turbocharger with a water-cooled bearing case for all cylinder
One-element single-stage air cleaner with enclosure and service indicator

Control Panels

TPEM (Total Plant & Energy Management System)

Cooling

Flange connections for JW inlet and outlet
Jacket water and SCAC thermostats
Electrical jacket water and aftercooler coolant pump
flange connections for JW inlet and outlet
ANSI/DN customer flange connections for JW inlet and outlet
Cat flanges on SCAC circuit

Exhaust

Exhaust waste gate for the CG132B-16
Closed crankcase ventilation system
PEARL/Low resistance exhaust system

Fuel System

Electronic fuel metering valve
Independently controlled cylinder monitoring and ignition system
Pre-chamber spark plugs

Generator

grid code generator
Reactive droop
closed-coupled generator result in no torque transmission to the base frame
Busbar connections
Anti-condensation space heater
3-phase sensing and KVAR/PF control
Winding temperature detectors

Starting/Charging

24V starting motors
Battery disconnect switch

General

Crankshaft vibration damper and guard

CG132B-16 Optional Equipment

Air Inlet

Air cleaner with precleaner
Mounting stand

Cooling

CHP skid

Grid Code Compliance

50Hz: Germany, Belgium, Great Britain, Italy, Poland, and Netherlands