

Product Specifications For CG132B-16



Generator Set Specifications

Continuous Rating	1000 ekW @1.0pf
Fuel Type	Natural Gas, Hydrogen Blend (up to 25%)
Maximum Electrical Efficiency	41.50%
Frequency	50 Hz
RPM	1500 rpm
Natural Gas Rating	1000

Engine Specifications

Engine Model	CG132B
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

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

Control Panels

TPEM (Total Plant & Energy Management System)

Cooling

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

Exhaust

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

Fuel System

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

Generator

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