

# Product Specifications For CG132B-12



## Generator Set Specifications

Continuous Rating	600 kW @1.0pf
Fuel Type	Natural Gas, Biogas, Hydrogen Blend (up to 25%)
Maximum Electrical Efficiency	43.3% / 42.4%
Maximum Standby Rating	600 kW
Frequency	50 / 60 Hz
RPM	1500 / 1800 rpm

## Engine Specifications

Engine Model	CG132
Displacement	26.3 l
Aspiration	TA
Bore	132 mm
Stroke	160 mm

## Generator Set Dimensions

Length	3830 mm
Width	1780 mm
Height	2150 mm
Dry Weight - Genset	7000 kg

## CG132B-12 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**

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

## **Exhaust**

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

## **Fuel System**

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

## **Generator**

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

## **Starting/Charging**

24V starting motors  
Battery disconnect switch

## **General**

Crankshaft vibration damper and guard

## **CG132B-12 Optional Equipment**

## **Air Inlet**

Mounting stand  
Air cleaner with precleaner

## **Cooling**

CHP skid

## **Grid Code Compliance**

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