

# Product Specifications For CG132B-8



## Generator Set Specifications

Continuous Rating	400 ekW @1.0pf
Fuel Type	Natural Gas, Biogas, Coal Gas, Hydrogen Blend (up to 25%)
Maximum Electrical Efficiency	43.1% / 42.1%
Frequency	50 / 60 Hz
RPM	1500 or 1800 rpm

## Engine Specifications

Engine Model	CG132-8
Displacement	17.5 l
Aspiration	TA
Bore	132 mm
Stroke	160 mm

## Generator Set Dimensions

Length	3100 mm
Width	1780 mm
Height	2150 mm
Dry Weight - Genset	5720 kg

## CG132B-8 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

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**

Independently controlled cylinder monitoring and ignition system

Electronic fuel metering valve

Pre-chamber spark plugs

## **Generator**

Anti-condensation space heater

Reactive droop

closed-coupled generator result in no torque transmission to the base frame

Winding temperature detectors

Busbar connections

3-phase sensing and KVAR/PF control

grid code generator

## **Starting/Charging**

24V starting motors

Battery disconnect switch

## **General**

Crankshaft vibration damper and guard

## **CG132B-8 Optional Equipment**

## **Cooling**

CHP skid

## **Grid Code Compliance**

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