

Product Specifications For CG170B-20



Generator Set Specifications

Continuous Rating	2300 ekW @1.0pf
Fuel Type	Natural Gas, Biogas, Coal Gas, Hydrogen Blend (up to 25%)
Maximum Electrical Efficiency	45.00%
Maximum Standby Rating	2300
Frequency	50/60 Hz
RPM	1500 rpm

Engine Specifications

Engine Model	CG170B-20
Aspiration	TA
Bore	170 mm
Stroke	195 mm

Generator Set Dimensions

Length	6556 mm
Width	1706 mm
Height	2263 mm
Dry Weight - Genset	21490 kg

CG170B-20 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

Jacket water and SCAC thermostats

flange connections for JW inlet and outlet

ANSI/DN customer flange connections for JW inlet and outlet

Electrical jacket water and aftercooler coolant pump

Exhaust

PEARL/Low resistance exhaust system

Exhaust waste gate for the CG170B-20

Closed crankcase ventilation system

Fuel System

Pre-chamber spark plugs

Electronic fuel metering valve

Independently controlled cylinder monitoring and ignition system

Generator

Busbar connections

Winding temperature detectors

grid code generator

Reactive droop

3-phase sensing and KVAR/PF control

Anti-condensation space heater

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

Starting/Charging

24V starting motors

Battery disconnect switch

General

Crankshaft vibration damper and guard

CG170B-20 Optional Equipment

Cooling

CHP skid

Grid Code Compliance

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