

PRODUCT SPECIFICATIONS FOR CG170B-20

GENERATOR SET SPECIFICATIONS

Maximum Continuous Rating	2300 ekW @1.0pf
Fuel Type	Natural Gas, Biogas, Coal Gas
Maximum Electrical Efficiency	45.00%
Maximum Standby Rating	2300
Frequency	50 Hz
RPM	1500 rpm

ENGINE SPECIFICATIONS

Engine Model	CG170B-20
Aspiration	TA
Bore	6.7 in
Stroke	7.7 in

GENERATOR SET DIMENSIONS

Length	258 in
Width	67 in
Height	89 in
Dry Weight - Genset	47377 lb

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