

PRODUCT SPECIFICATIONS FOR CG170-20

GENERATOR SET SPECIFICATIONS

Maximum Continuous Rating	2000 ekW @1.0pf
Fuel Type	Natural Gas, Biogas, Coal Gas
Maximum Electrical Efficiency	43.70%
Maximum Standby Rating	2000
Frequency	50 / 60 Hz
RPM	1500

ENGINE SPECIFICATIONS

Engine Model	CG170-20
Displacement	3240 in ³
Aspiration	TA
Bore	6.7 in
Stroke	7.7 in

GENERATOR SET DIMENSIONS

Length	294 in
Width	67 in
Height	86 in
Dry Weight - Genset	43651.1 lb

CG170-20 STANDARD EQUIPMENT

AIR INLET

Turbocharger with a water-cooled bearing case for all cylinder

One-element single-stage air cleaner with enclosure and service indicator

CONTROL PANELS

TEM (Total Electronic Management)

COOLING

Jacket water and SCAC thermostats

flange connections for JW inlet and outlet

Electrical jacket water and aftercooler coolant pump

EXHAUST

Closed crankcase ventilation system

PEARL/Low resistance exhaust system

Exhaust waste gate for the CG170-20

FUEL SYSTEM

Pre-chamber spark plugs

Electronic fuel metering valve

Independently controlled cylinder monitoring and ignition system

GENERATOR

Winding temperature detectors

3-phase sensing and KVAR/PF control

Reactive droop

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

grid code generator

Anti-condensation space heater

Busbar connections

STARTING/CHARGING

24V starting motors

Battery disconnect switch

GENERAL

Crankshaft vibration damper and guard

CG170-20 OPTIONAL EQUIPMENT

COOLING

CHP skid