

PRODUCT SPECIFICATIONS FOR CG170-12

GENERATOR SET SPECIFICATIONS

Maximum Continuous Rating	1200 ekW @1.0pf
Fuel Type	Natural Gas, Biogas, Coal Gas
Maximum Electrical Efficiency	43.40%
Frequency	50 or 60 Hz
RPM	1500 rpm

ENGINE SPECIFICATIONS

Engine Model	CG170-12
Displacement	3240 in ³
Aspiration	TA
Bore	6.7 in
Stroke	7.7 in

GENERATOR SET DIMENSIONS

Length	235 in
Width	70 in
Height	87 in
Dry Weight - Genset	28659.8 lb

CG170-12 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

Electrical jacket water and aftercooler coolant pump

Jacket water and SCAC thermostats

flange connections for JW inlet and outlet

EXHAUST

PEARL/Low resistance exhaust system

Closed crankcase ventilation system

Exhaust waste gate for the CG170-12

FUEL SYSTEM

Electronic fuel metering valve

Independently controlled cylinder monitoring and ignition system

Pre-chamber spark plugs

GENERATOR

Winding temperature detectors

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

Busbar connections

grid code generator

STARTING/CHARGING

24V starting motors

Battery disconnect switch

GENERAL

Crankshaft vibration damper and guard

CG170-12 OPTIONAL EQUIPMENT

COOLING

CHP skid