

# Product Specifications For CG170-16



## Generator Set Specifications

Continuous Rating	1560 ekW @1.0pf
Fuel Type	Natural Gas, Biogas, Coal Gas
Maximum Electrical Efficiency	43.30%
Frequency	50 or 60 Hz
RPM	1500 or 1800 rpm

## Engine Specifications

Engine Model	CG170-16
Displacement	4320 in <sup>3</sup>
Aspiration	TA
Bore	6.7 in
Stroke	7.7 in

## Generator Set Dimensions

Length	261.4 in
Width	70 in
Height	87 in
Dry Weight - Genset	32848.5 lb

## CG170-16 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  
Electrical jacket water and aftercooler coolant pump  
flange connections for JW inlet and outlet  
Cat flanges on SCAC circuit

## **Exhaust**

PEARL/Low resistance exhaust system  
Closed crankcase ventilation system

## **Fuel System**

Independently controlled cylinder monitoring and ignition system  
Pre-chamber spark plugs  
Electronic fuel metering valve

## **Generator**

Busbar connections  
Anti-condensation space heater  
closed-coupled generator result in no torque transmission to the base frame  
Winding temperature detectors  
Reactive droop  
3-phase sensing and KVAR/PF control  
grid code generator

## **Starting/Charging**

24V starting motors  
Battery disconnect switch

## **General**

Crankshaft vibration damper and guard

## **CG170-16 Optional Equipment**

### **Air Inlet**

Mounting stand  
Air cleaner with precleaner

### **Cooling**

CHP skid

### **Grid Code Compliance**

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