

# PRODUCT SPECIFICATIONS FOR CG170-16



|                                      |                               |
|--------------------------------------|-------------------------------|
| <b>Maximum Continuous Rating</b>     | 1560 ekW @1.0pf               |
| <b>Fuel Type</b>                     | Natural Gas, Biogas, Coal Gas |
| <b>Maximum Electrical Efficiency</b> | 43.30%                        |
| <b>Frequency</b>                     | 50 or 60 Hz                   |
| <b>RPM</b>                           | 1500 or 1800 rpm              |
| <b>Engine Model</b>                  | CG170-16                      |
| <b>Displacement</b>                  | 4320 in <sup>3</sup>          |
| <b>Aspiration</b>                    | TA                            |
| <b>Bore</b>                          | 6.7 in                        |
| <b>Stroke</b>                        | 7.7 in                        |
| <b>Length</b>                        | 261.4 in                      |
| <b>Width</b>                         | 70 in                         |
| <b>Height</b>                        | 87 in                         |
| <b>Dry Weight - Genset</b>           | 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

