

PRODUCT SPECIFICATIONS FOR G20CM34

GENERATOR SET SPECIFICATIONS

Maximum Continuous Rating	9830 / 10300 ekW @ 0.8 pf
Fuel Type	Natural Gas
Maximum Electrical Efficiency	48.9%
Frequency	50 / 60 Hz
RPM	750/720
Frequency	50/60 Hz

ENGINE SPECIFICATIONS

Engine Model	G20CM34
Displacement	46484.2 in ³
Aspiration	Turbocharged and Aftercooled
Bore	13.38 in
Stroke	16.53 in

GENERATOR SET DIMENSIONS

Length	562.2 in
Width	153.9 in
Height	212.2 in
Dry Weight - Genset	361559 lb

G20CM34 STANDARD EQUIPMENT

SAFETY

Crankcase ventilation

Oil mist detector

FUEL SYSTEM

Gas valve unit (GVU)

COMBINED MODULE

Cooling water- and lubricating oil system partly on a common base frame with standardized pipe interface.
(Cooling water system requires additional cooling towers, radiators or similar)

INTAKE AIR

Systems that can be adjusted to suit the ambient conditions are available, such as pocket filters, oil bath filters or pulse filters

STARTING AIR

Starting air compressor module

Starting air receiver module

EXHAUST GAS

Exhaust gas ventilation module

Exhaust gas silencer

Further elements, such as SCR and oxidation catalyst, are available as options

CONTROL & MONITORING SYSTEM

Provides the control, monitoring and protection functions of the engine, generator and engine support modules through:

- Local Control Panel (LCP) (recommended) or
- Local Data Panel (LDP) and Generator Control Panel (GCP)

Provides the control of the engine support modules through Motor Control Center (MCC)

Asset Intelligence System: Your remote diagnostic system, worldwide

VIBRATION DAMPING

Optimum oscillation and vibration damping systems for safe and operationally reliable set-up of the plant, especially adjusted to suit your ambient conditions.

Engine and generator can be supplied as a unit on a common base frame