

PRODUCT SPECIFICATIONS FOR CG137-12

ENGINE SPECIFICATIONS

Maximum Rating	400 ekW (500 kVA)
Minimum Rating	400 ekW (500 kVA)
Emissions/Fuel Strategy	U.S. EPA Tier II Nonroad Mobile Emissions Certified. Available for NSPS compliance via Design to Order process
Aspiration	Turbocharged-Aftercooled
Manifold Type	Watercooled
Bore	5.39 in
Stroke	6.46 in
Displacement	1770 in ³
Engine Control and Protection	ADEM A4
Generator Set Control	EMCP 4.4 Control Panel
Generator	SR4B
Frequency - Speed	60 Hz (1800 rpm)

CAPACITY FOR LIQUIDS

Fuel	CNG, LNG, field gas, natural gas
Lube Oil System - Refill	45 gal (US)
Cooling System - Engine	15 gal (US)

DIMENSIONS

Length	230 in
Width	89 in

Height 102.3 in

Weight 19731 lb

CG137-12 STANDARD EQUIPMENT

AIR INLET SYSTEM

Air cleaner — intermediate duty, dry

Air cleaner rain cap

Air cleaner service Indicator

COOLING SYSTEM

High ambient radiator design for gas fuel applications

Stacked aftercooler and jacket water core

Metal top and bottom tanks

Coolant drain

Fan and belt guard

Coolant level sensor

EXHAUST SYSTEM

Exhaust manifolds — water cooled

Exhaust elbow and flex fitting — 127 mm (5 in)

Residential grade muffler

Three-way catalyst

Muffler mounting structure

FUEL SYSTEM

Gas pressure regulator — requires 10.3-34.5 kPa (1.5-5 psi) gas

Natural gas carburetor

Air Fuel Ratio Control

GENERATOR

Rated for continuous duty — 10% oversize

Class H insulation

Permanent magnet

Random wound

240 VAC space heater

Coastal insulation protection

IP23 protection

Cat Digital Voltage Regulator

CONTROL SYSTEM

Electronic governing ADEM A4

Electronic diagnostics and fault logging

Momentary start/stop logic

High temperature braided engine harness with 70-pin customer connector and service tool connector

LUBE SYSTEM

Crankcase breather, top-mounted

Oil filter, spin-on, left-hand service

Dipstick, left-hand service

Oil pump — gear-driven

Oil cooler

MOUNTING SYSTEM

Heavy-duty welded steel base designed for the oilfield

Base design optimized for loading, transport, and unloading

PROTECTION SYSTEM

The following parameters include alarm and shutdown:

GENERAL

Jacket water heater

24V starting motor

24V, 45-amp charging alternator

CG137-12 OPTIONAL EQUIPMENT

FUEL SYSTEM

1 micron gas filter