

PRODUCT SPECIFICATIONS FOR G3306B

ENGINE SPECIFICATIONS

Maximum Rating	135 ekW (170 kVA)
Minimum Rating	110 ekW (138 kVA)
Emissions/Fuel Strategy	NSPS or non-regulated
Aspiration	Turbocharged-Aftercooled
Manifold Type	Watercooled
Bore	4.76 in
Stroke	5.98 in
Displacement	640 in ³
Engine Control and Protection	ADEM A4
Generator Set Control	EMCP 4.3 (4.4 optional)
Generator	SR4B
Frequency - Speed	50/60 Hz (1500/1800 rpm)

CAPACITY FOR LIQUIDS

Fuel	CNG, LNG, field gas, natural gas
Lube Oil System - Refill	12 gal (US)
Cooling System - Engine	5 gal (US)

DIMENSIONS

Length	145.8 in
Width	60.2 in

Height 73.1 in

Weight 7716 lb

G3306B 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

Side-by-side 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

FUEL SYSTEM

Gas pressure regulator — requires 82.7-172.4 kPa (12-25 psi) gas

Natural gas carburetor

GENERATOR

Rated for continuous duty — 25% 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

Designed to accommodate a drop-over enclosure

Space claims for makeup tank and coalescing filter

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

G3306B OPTIONAL EQUIPMENT

EXHAUST SYSTEM

Three-way catalyst

Critical grade muffler

Muffler mounting structure

FUEL SYSTEM

Air-fuel ratio control

Coalescing filter, heavy-duty for wellhead gas