

Product Specifications For G3612 A4



Engine Specifications

Maximum Rating	4125 BHP
Rated Speed	1000 rpm
Emissions	Lean Burn: EPA NSPS Site Compliant Capable with Customer Supplied Aftertreatment, 0.3 g and 0.5 g/bhp-hr NOx
Minimum Rating	3750 BHP
Compression Ratio	Gen 1 (9.2:1) Gen 2 (7:6:1)
Aspiration	Turbocharged-Aftercooled
Rotation from Flywheel End	Counterclockwise
Displacement	15528 in ³
Flywheel Teeth	255
Length	195.09 in
Oil Change Interval	5000 hours
Ignition, Protection	ADEM™4
Stroke	11.8 in
Bore	11.8 in
Width	102.28 in
Height	129.10 in
Weight - Dry	58500 lb

Capacity For Liquids

Cooling System

194 gal (US)

Lube Oil System - Refill

272 gal (US)

G3612 A4 Standard Equipment

Air Inlet System

Air Cleaners

Air cleaner — standard duty Inlet air adapter

Control System

ADEM 4

Cooling System

ANSI Class 150 4 inch Flange (outlet water connection)

ANSI Class 150 6 inch Flange (Inlet Water connection)

Engine driven Water pump

Water Jacket Outlet Regulator 88° C

Engine Rating

Engine rating and speed selection

Exhaust System

Hard Heat Sheilded Exhaust Manifolds - SAE Standard

Vertical Exhaust Outlet

Flywheel & Flywheel Housing

Flywheel including ring gear for starting. SAE Standard

Flywheel And Flywheel Housing

Engine Barring Device

Fuel System

Fuel Filter

Gas Pressure Regulator

General

Paint

Wood Skid

Instrumentation

Basic HMI Engine Interface

Lube System

Breathers

Closed Crankcase Ventilation System

Front and Rear Oil Drains

Intermittent Prelube Pump

Oil Cooler

Oil Cooler

Oil Pan

Oil Supply line

Mounting System

Six Engine Mounting Feet

Power Take-Offs

Damper and Damper Guard

Protection System

Crankcase Explosion Relief Valves

Starting System

Air Starting Motor

Telematics System

Cat Connect Technology

Cat Connect Technology

ANSI Class 150 2 inch Flange (Customer Connect)

G3612 A4 Optional Equipment

Charging System

Alternator

Control System

Software Development

Exhaust System

Flex EXH Fitting

Fuel System

Fuel Connections

General

Language Decals

Lube System

Lubricating Oil

Oil Level Regulator

Air or electric motor-driven prelube

Duplex oil filter

RH service

Lube oil makeup system

Mounting System

Lifting Eye Exhaust Shield

Mounting Plates

Mounting plates (set of six)

Service

Service Tools

Telematics System

Cell - Satellite Radio

Telematics

Product Link Extension Harness

Instrumentation

LCD display panel

Color HMI display

Modbus and Ethernet capable

Power Take-Offs

Front stub shafts

Starting System

Air pressure reducing valve

Natural gas starting system

General

Engine barring device

Damper guard