Exergy Engineering was formed by a group of former Robert Bosch diesel fuel system engineers. Each team member has an average of over 12 years experience in the design and application of diesel fuel systems with numerous prominent diesel engine manufacturers around the world. This engineering know-how has now been applied to the marine and industrial Duramax.

Peninsular Engines has been marinizing and industrializing GM diesel engines for over 50 years. Since the introduction of the marinized 6.5L, over 2000 have been placed in service around the world. This long time experience and acceptance in the field gives deep roots to these new applications for the Duramax engine.

Availability

Development continues on the marinized and industrial Duramax engines to produce the most competitive package possible. Our product release timeline is as follows:

Industrial Applications    July 07
Marine Applications        Oct 07

For further technical and/or sales information please contact Exergy Engineering at the phone number or e-mail address listed below.

Exergy Engineering LLC
4349 40th Street, SE, Suite D
Grand Rapids, MI 49512 USA
Telephone   (616) 977-3766
sales@exergyengineering.com

For general sales inquiries please contact Peninsular Engines at the phone number or e-mail address listed below.

Peninsular Engines, Inc.
3056A Dixie SW
Grandville, MI 49418 USA
Telephone   (616) 530-1298
pen-eng@voyager.net

GM DURAMAX DIESEL
Marine and Industrial Applications

Peninsular Engines, Inc.
3056A Dixie SW
Grandville, MI 49418 USA
Telephone   (616) 530-1298
pen-eng@voyager.net

- Proven Performance
- Proven Reliability
- Compact Packaging
- Serviceability
Duramax Diesel

Engine Background

Since start of production in 2001, GM has produced over 600,000 Duramax engines. During this time GM’s share of the diesel pick-up market has increased from less than 5% to more than 30%. This success is a true statement to the engine’s performance, reliability, and customer satisfaction.

Much of this success is due to the use of a high pressure common rail fuel system which virtually eliminates white and black smoke, maximizes fuel economy, and minimizes vibration and noise. With its state-of-the art fuel system and 4 valves per cylinder, the Duramax is able to pack a lot of torque in a small package.

Technical Data

- Configuration: DI, 4 stroke, V-8
- Displacement: 6.6L (403 cu in)
- Bore x Stroke: 103mm x 99mm
- Aspiration: Turbo/Intercooler
- Alternator: 12v - 105 amps
- Cooling: Closed Loop
- Dry Weight: 1096 lbs
- OAL: 39 in
- OAW: 34 in
- OAH: 35 in
- Power: 350 hp @ 3000 rpm

Since the marinized Duramax shares numerous components with its on-road cousin, parts and knowledgeable service support is readily available and economically priced.

With its economy, reliability, torque, weight, and packaging advantages, the Duramax is an excellent choice as the original power source or as the replacement engine in boats of all types.

Duramax Diesel Marine Package

- Water Cooled Variable Vane Turbo
- Cupronickel Heat Exchanger
- Air-to-Water Intercooler
- Traditional Chevrolet Bolt Pattern
- CAN Instrumentation Display
- Easy Interface with ECM

1 Based on Prototype. Further development will likely make these values even more competitive.

2 Engine will be released in a range of power ratings to serve a wide variety of applications.