



**POWER SOLUTIONS
INTERNATIONAL**

65L NATURAL GAS/PROPANE ENGINE

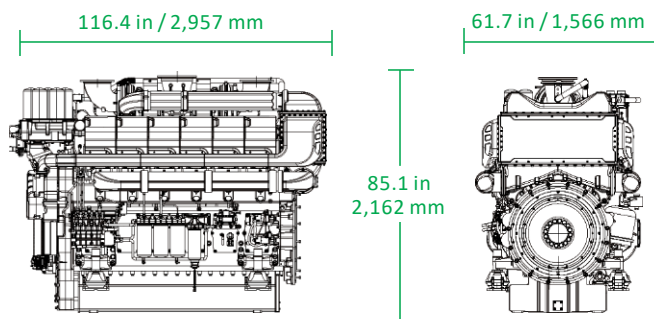
The PSI 65-liter is a U.S. EPA-certified natural gas and propane engine developed from the block up to be a reliable and durable power unit. Built upon a proven marine-diesel grade block, the 12-cylinder V-Configuration, turbocharged and after-cooled engine features replaceable wet liners and water-cooled exhaust.

Superior engine performance is driven by an ECU that integrates and coordinates all critical functions including: Governor, Variable Ignition Timing, Air Fuel Ratio Control, Knock Suppression and Engine Protection.

The PSI Energy product lineup has displacements from 0.97L to 65L. These engines are an extension of the PSI product line, which is based upon blocks from 650cc to 8.8L. All PSI engines feature the same fuel systems and controls, simplifying your application development and support.

GENERAL DATA

- Turbo-charged and after cooled, cast iron with wet cylinder liners v-block
- Cast iron cylinder block with inspection door per cylinder
- Modular 4 valve cast iron cylinder heads
- Weichai supplied engine block
- High strength alloy steel forged crankshaft
- Thermostatically-controlled cooling system with engine integrated oil cooler
- J1939 CANBUS interface
- 3-Way Catalyst
- High efficiency air filter
- Proven US ECU, fuel system and engine control



PSI POWER SYSTEMS

FEATURES

- U.S. EPA-Certified 2019
- Oil cooled light alloy pistons with high performance piston rings
- Hardened valves and valve seats
- Valley mounted water cooled exhaust manifold
- ECU based engine protection
- Telematics compatibility
- Full flow oil filter

PSI 65-LITER ENGINE DATA

Model Number	65L
Cylinders	90°, V-12
Induction System	Turbocharged
Combustion System	Spark-ignited
Cooling System	Water-cooled
Displacement	4,028 cid (66,000 cc)
Compression Ratio	10.5:1
Bore & Stroke	7.09 in x 8.46 in (180 mm x 215 mm)
Power	1000 – 1500 kW e
Fuel Type	Natural Gas
Direction of Rotation	Counter-clockwise viewed on flywheel
Dry Weight	21,054 lb (9,550 kg)

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