

# 10L NATURAL GAS/PROPANE ENGINE

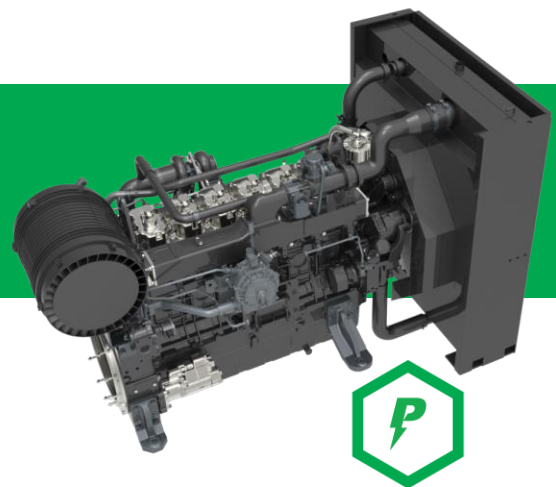
The PSI 10-liter is a U.S. EPA-certified natural gas and propane engine developed from the block up to be a reliable and durable power unit. Built upon a proven marine-diesel grade block, the 6-cylinder, turbocharged and after-cooled engine features replaceable wet liners and water-cooled exhaust.

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 Power Systems 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 dry cylinder liners
- Cast iron cylinder block with inspection door per cylinder
- High strength alloy steel forged crankshaft
- Forged Connecting Rod Aluminum Alloy Pistons with Gallery Oil Cooling
- Thermostatically-controlled cooling system with engine integrated oil cooler
- J1939 CANBUS interface
- 3-Way Catalyst
- High efficiency air filter
- Variety of Flywheels (11.5", 14"), Ring Gears and Housing
- Proven US ECU, fuel system and engine control
- High Capacity, Gear Driven Oil Pump
- Cartridge-Type Filters



**PSI** POWER SYSTEMS

## FEATURES

- U.S. EPA-Certified
- Oil cooled light alloy pistons with high performance piston rings
- Hardened valves and valve seats
- Valley mounted water cooled exhaust manifold
- Telematics compatibility

## PSI 10-LITER ENGINE DATA

Model Number	10L
Cylinders	I-6
Induction System	Naturally aspirated
Combustion System	Spark-ignited
Cooling System	Water-cooled
Displacement	9.73L
Compression Ratio	10.5:1
Bore & Stroke	5.00 X 5.10 in (126 mm x 130 mm)
Fuel Type	Natural Gas / Propane
Direction of Rotation	Counter-clockwise viewed on flywheel
Dry Weight	2,359 lb (1,070 kg)

## POWER RATINGS

### 50Hz (1500RPM)

Application	Fuel	kWe	kWm	bHp
Standby	NG	85	100	37
Standby	LP	94	110	149
Prime	NG	85	100	37
Prime	LP	94	110	149

### 60Hz (1800RPM)

Application	Fuel	kWe	kWm	bHp
Standby	NG	100	118	158
Standby	LP	110	130	174
Prime	NG	100	118	158
Prime	LP	110	130	174

kWe values are based on standard assumptions for mechanical and electrical losses. Ratings and performance is subject to site conditions and PSI application and ratings guidelines.

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