

4.3L NATURAL GAS/PROPANE ENGINE

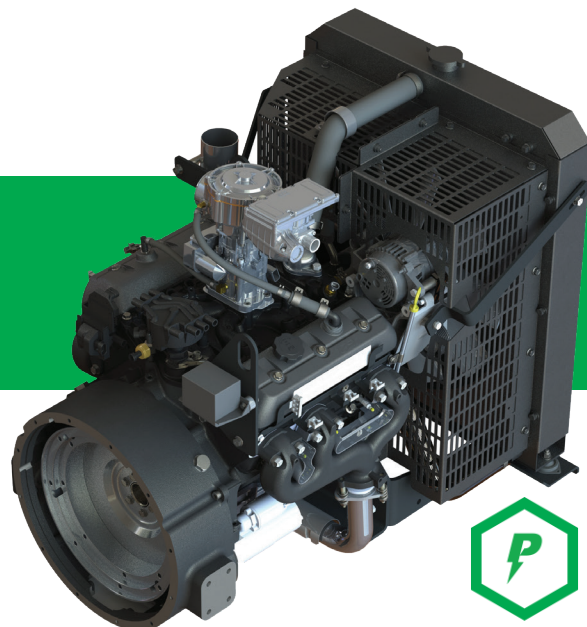
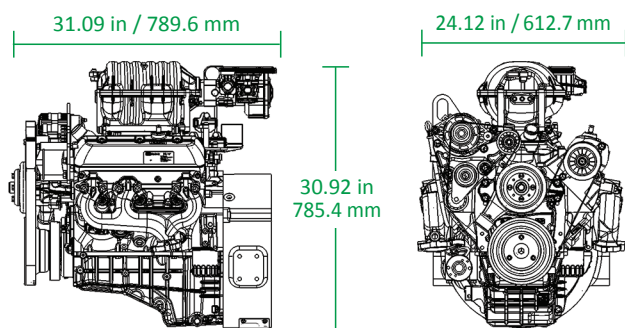
The PSI 4.3-liter engine is U.S. EPA-certified for multiple fuels. This fuel-flexible power unit is a fully integrated drop-in solution that delivers uncompromised power performance and maximum fuel efficiency.

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

- Fuel options: LPG, NG
- Fuel and emission control system that meets EPA/CARB emission regulations for LSI engines
- Crank is forged, induction hardened steel with tangential fillets
- Heavy-Duty heads (same construction as PSI 8.8L)
- SAE flywheel housing and flywheel
- Auxiliary drive pulleys available
- Cooling fans
- Radiator
- Dry-type industrial air cleaners (safety element air cleaners available)
- Electronic governors
- Remote oil filter
- Auxiliary oil drain
- 95A alternator option / 70A alternator standard
- CANBUS J1939 interface



PSI POWER SYSTEMS

FEATURES

- High-flow cylinder head with straighter intake ports
- Roller valve lifters for reduced friction and improved fuel economy
- Positive inlet and exhaust seals for reduced oil consumption
- Counter-rotating balance shaft for smooth performance and low noise
- Composite rocker arm cover and front cover for noise reduction
- World-class engine sealing system for superior leak protection
- Common rear face to GM Powertrain industrial engines for easy hookup with housing

PSI 4.3-LITER ENGINE DATA

Model Number	4.3L
Cylinders	V-6
Induction System	Naturally aspirated
Combustion System	Spark-ignited
Cooling System	Water-cooled
Displacement	262 cid (4,294 cc)
Compression Ratio	9.8:1
Bore & Stroke	4.00 in x 3.48 in (101.6 mm x 88.4 mm)
Fuel Type	Propane / Natural Gas
Direction of Rotation	Counter-clockwise viewed on flywheel
Dry Weight	430 lb (195 kg)

POWER RATINGS

		50 Hz (1500 RPM)		60 Hz (1800 RPM)	
STANDBY	NG	40 kWe	48 kWm	50 kWe	58 kWm
	LPG	40 kWe	51 kWm	50 kWe	61 kWm
PRIME	NG	35 kWe	43 kWm	40 kWe	52 kWm
	LPG	35 kWe	45 kWm	45 kWe	55 kWm

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.