

5.7L NATURAL GAS/PROPANE ENGINE

The PSI 5.7-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.

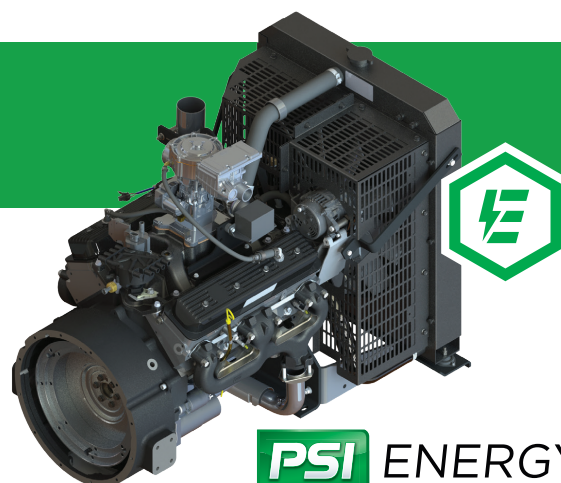
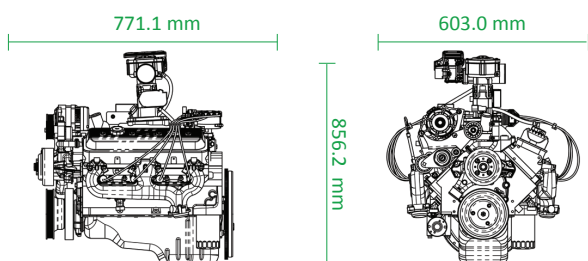
GENERAL DATA

- Fuel options: LPG, NG, Bi-Fuel
- Fuel and emission control system that meets Tier II EPA/CARB emission regulations for LSI engines
- Turbo, Charge Air Cooled, and Gear Box options
- Standard cast 4-barrel intake manifold designed for maximum power at idle to 3000 rpm
- High Voltage (HVS) distributor and coil standard
- SAE 3-flywheel housing and flywheels
- Cooling fans, radiator & complete cooling systems
- Dry-type industrial air cleaners (safety element available)
- Electronic governors
- Extended oil sump
- Remote oil filter and auxiliary oil drain
- Metal engine skid
- 95A alternator option / 70A alternator standard
- 3-Way Catalytic Converter with certified units (as required)
- CANBUS J1939 interface
- Sheet metal enclosure

POWER RATINGS

	Speed RPM	Natural Gas									LPG								
		ESP			PRP			COP			ESP			PRP			COP		
		kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA
5.7L	1500	65	57	72	58	51	64	41	36	45	70	62	77	63	55	69	44	39	49
	1800	78	69	86	70	62	77	49	43	54	84	74	92	76	67	84	53	47	59

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.



FEATURES

- High-flow cylinder head with straighter intake ports
- Increased cooling around hardened exhaust-valve seats for added durability
- Roller valve lifters for reduced friction and improved fuel economy
- Composite front timing cover for noise reduction and corrosion protection
- Valvetrain features advanced-design silent timing chain for added durability
- Positive inlet valve stem seals for reduced oil consumption
- Common rear face to GM Powertrain industrial engines for easy hookup with housing

PSI 5.7 LITER ENGINE DATA

Model Number	5.7L
Cylinders	V-8
Induction System	Naturally aspirated
Combustion System	Spark-ignited
Cooling System	Water-cooled
Displacement	5.7 L
Compression Ratio	9.4:1
Bore & Stroke	101.6 mm x 88.4 mm
Fuel Type	Natural Gas / Propane / Bi-Fuel
Direction of Rotation	Counter-clockwise viewed on flywheel
Dry Weight	196 kg

