

3.0L NATURAL GAS/PROPANE ENGINE

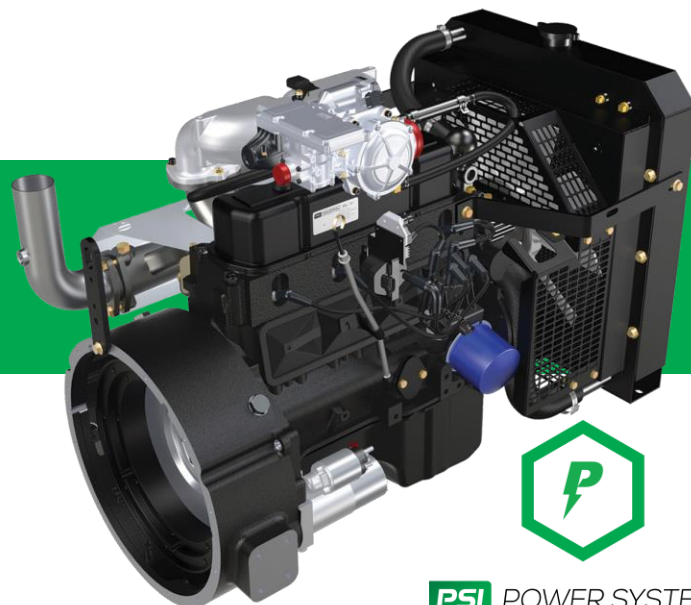
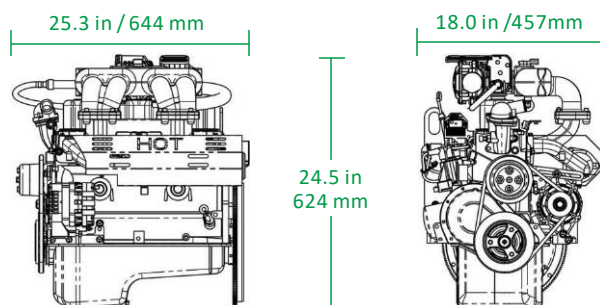
The PSI 3.0-liter engine is U.S. EPA-certified for multiple fuels. This fuel-flexible power unit is a fully integrated drop-in solution that delivers uncompromised power performance and maximum fuel efficiency.

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 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

- Fuel options: Gasoline, LPG, NG
- EPA/CARB emission certified
- SAE 3 flywheel housing and direct drives
- Ignition systems
- Belt and pulley accessory drives
- Starters and alternators
- PTOs: Side load and in-line
- Instrument panel with gauges and safety shutdowns
- Electronic governors
- Radiator and heat exchanger cooling systems
- Engine mounting frames and enclosures
- Three way catalyst
- Nodular iron crankshaft for increased strength and durability
- Composite front cover for noise reduction



PSI POWER SYSTEMS

FEATURES

- High silicon content pistons for improved durability and noise reduction
- Sintered powdered-metal intake seat and exhaust valve seat inserts for enhanced durability
- Positive inlet and exhaust seals for reduced oil consumption
- Integral harmonic balancer/crankshaft pulley for easier accessory drive dress
- Exhaust manifold standard
- High Energy Ignition (HEI) distributor and coil standard
- Common rear face to GM Powertrain industrial engines for easy hookup with housing

PSI 3.0-LITER ENGINE DATA

Model Number	3.0L
Cylinders	I-4
Induction System	Naturally aspirated
Combustion System	Spark-ignited
Cooling System	Water-cooled
Displacement	181 cid (2,966.6 cc)
Compression Ratio	8.2:1
Bore & Stroke	4.00 in x 3.60 in (101.6 mm x 91.4 mm)
Fuel Type	Gasoline / Natural Gas / Propane
Direction of Rotation	Counter-clockwise viewed on flywheel
Dry Weight	363 lb (164.7 kg)

POWER RATINGS

		50 Hz (1500 RPM)		60 Hz (1800 RPM)	
STANDBY	NG	24 kW _e	29 kW _m	30 kW _e	35 kW _m
	LPG	25 kW _e	31 kW _m	32 kW _e	38 kW _m

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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