

6.0L GASOLINE ENGINE

175.1 hp / 317.5 ft-lbs

PSI's Industrial 6.0-liter gasoline engine is a power unit that is a fully integrated drop-in solution, delivering 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. All PSI engines feature the same fuel systems and controls, simplifying application development and support.

PSI has been a leader in the design, engineering and manufacture of efficient, high-performance power systems, providing integrated turnkey solutions to top global OEMs for nearly 30 years. Our products are used worldwide in pump jacks, power generators, forklifts, aerial lifts and industrial sweepers, as well as in oil and gas, aircraft ground support, agricultural and construction equipment.

GENERAL DATA

- Fuel and emission control system that meets Tier II EPA/CARB emission regulations for LSI engines
- SAE flywheel housings and flywheels
- Custom-made flywheels for numerous applications
- Auxiliary drive pulleys available
- Cooling fans
- Radiator
- Dry-type industrial air cleaners (safety element available)
- Electronic governors
- Remote oil filter
- Auxiliary oil drain
- Metal engine skid
- 95A alternator option / 70A alternator standard



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FEATURES

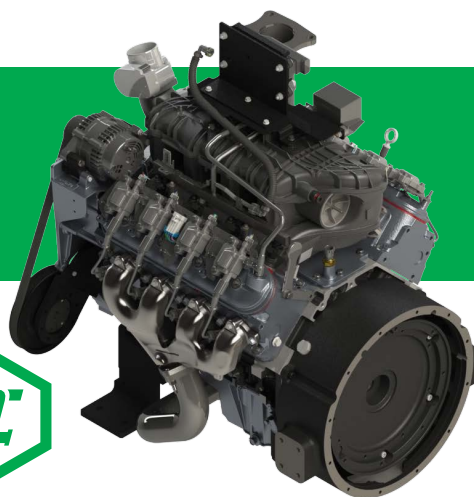
- High-flow cylinder head with straighter intake ports and optimum compression ratio delivers impressive horsepower
- Increased cooling around hardened exhaust-valve seats for added durability
- Roller valve lifters for reduced friction and improved fuel economy
- Composite front timing cover for noise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

PSI 6.0-LITER GASOLINE ENGINE DATA

Cylinders	8
Induction system	Naturally aspirated
Combustion system	Spark-ignited
Cooling system	Water-cooled
Displacement	6.0 liters
Compression ratio	9.65:1
Bore & Stroke	101.6 mm (Bore) 92.0 mm (Stroke)
Peak Power	175.1 hp (130.6 kW) @2900 rpm
Peak Torque	317.5 ft-lbs (430.5 N-m) @2600 rpm
Fuel Type	Gasoline
Direction of rotation	Counter-clockwise viewed on flywheel
Dry Weight	535 lbs.

Power and torque values are based on standard assumptions. Ratings and performance are solely for reference only and subject to site conditions and PSI application and ratings guidelines.


**POWER SOLUTIONS
INTERNATIONAL**

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TORQUE & HORSEPOWER CURVES - 6.0L GASOLINE

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