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
- Weichai supplied engine block
- 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

**POWER RATINGS**

<table>
<thead>
<tr>
<th>Speed RPM</th>
<th>ESP kWe</th>
<th>PRP kWm</th>
<th>COP kVA</th>
</tr>
</thead>
<tbody>
<tr>
<td>10LT</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1500</td>
<td>230</td>
<td>202</td>
<td>253</td>
</tr>
<tr>
<td>1800</td>
<td>236</td>
<td>208</td>
<td>260</td>
</tr>
</tbody>
</table>

**PSI 10 LITER ENGINE DATA**

- **Model Number**: 10L
- **Cylinders**: 1-6
- **Induction System**: Turbocharged & air-cooled
- **Combustion System**: Spark-ignited
- **Cooling System**: Water-cooled
- **Displacement**: 10L
- **Compression Ratio**: 10.5:1
- **Bore & Stroke**: 126 mm x 130 mm
- **Fuel Type**: Natural Gas / Propane
- **Direction of Rotation**: Counter-clockwise viewed on flywheel
- **Dry Weight**: 1,000 kg

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.