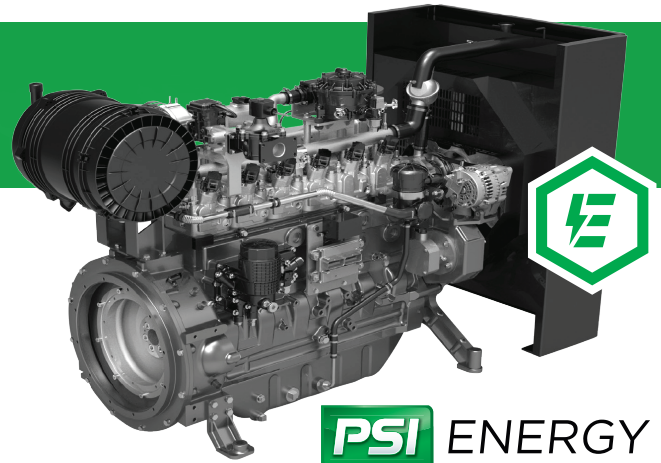


# 6.7LNA NATURAL GAS/PROPANE ENGINE



The PSI 6.7-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

- Cast Iron Engine Block
- One-piece forged crankshaft
- Separate cast iron cylinder heads and wet cylinder liners
- Forged Connecting Rod
- Radiator and hoses supplied
- Thermostatically-controlled system with belt driven water pump and Pusher/Puller fan
- Proven ECM, Fuel System and Engine Control
- Engine Protection
- CANBUS J1939 Standard Interface
- Telematics Compatibility
- SAE 1/SAE 3 flywheel housing and 11.5/14" flywheel

## FEATURES

- Flat bottom high capacity oil pan (27 L)
- Cartridge oil filter
- High capacity gear driven lube oil pump
- Replaceable Dry Air Cleaner
- Air Cleaner Restriction Indicator
- 12V electrical system
- 12V 90A voltage battery charging alternator

## PSI 6.7 LITER ENGINE DATA

|                   |                       |
|-------------------|-----------------------|
| Model Number      | 6.7L                  |
| Cylinders         | 6                     |
| Induction System  | Water-cooled          |
| Displacement      | 6.7 L                 |
| Compression Ratio | 9.8:1                 |
| Bore & Stroke     | 105 mm x 130 mm       |
| Fuel Type         | Natural Gas / Propane |
| Dry Weight        | 680 kg                |

## 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 |
| 6.7LNA | 1500      | 66          | 58  | 73  | 66  | 58  | 73  | 46  | 41  | 51  | 72  | 63  | 79  | 72  | 63  | 79  | 50  | 44  | 55  |
|        | 1800      | 80          | 70  | 88  | 80  | 70  | 88  | 56  | 49  | 62  | 88  | 77  | 97  | 83  | 73  | 91  | 58  | 51  | 64  |

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.

