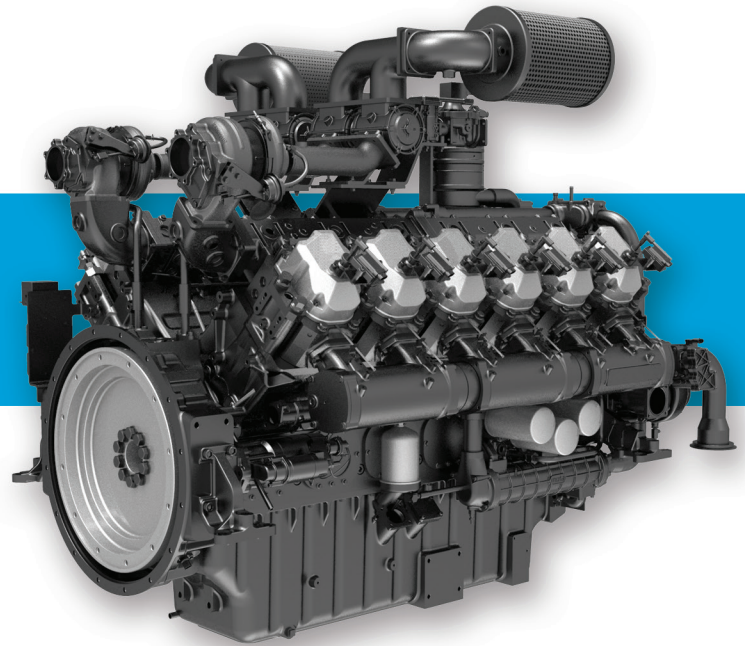


32L INDUSTRIAL STATIONARY



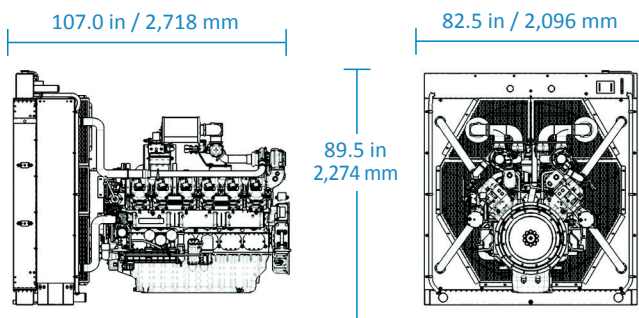
The PSI HD 32L is a U.S. EPA-certified natural gas and propane engine developed from the block up to be a reliable and durable power unit. Built upon a proven marine-diesel grade block, the 12-cylinder V-Configuration, turbocharged and after-cooled engine features replaceable wet liners and water-cooled 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.

PSI is the market leader in providing heavy-duty products. PSI has seven models in its HD product lineup with displacements of 8.1L, 11.1L, 14.6L, 18.3L, 21.9L, 32L and 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 wet cylinder liners v-block
- Cast iron cylinder block with inspection door per cylinder
- Modular 4 valve cast iron cylinder heads
- Weichai supplied engine block
- High strength alloy steel forged crankshaft
- Thermostatically-controlled cooling system with engine integrated oil cooler
- Belt driven dual water pump and engine mounted fan
- J1939 CANBUS interface
- 3-Way Catalyst
- High efficiency air filter
- Variety of flywheels (14", 18"), ring gears and housings available (SAE #0, #1)
- Proven US ECU, fuel system and engine control



FEATURES

- U.S. EPA-Certified 2018
- Oil cooled light alloy pistons with high performance piston rings
- Hardened valves and valve seats
- Valley mounted water cooled exhaust manifold
- ECU based engine protection
- Telematics compatibility
- Full flow oil filter
- Manual oil pump for pre-lubrication

PSI 32-LITER ENGINE DATA

Model Number	32L
Cylinders	90°, V-12
Induction system	Turbocharged & air-to-air charge-cooled
Combustion system	Spark-ignited
Cooling system	Water-cooled
Displacement	1,941 cid (31,800 cc)
Compression ratio	10.5:1
Bore & Stroke	5.91 in x 5.91 in (150 mm x 150 mm)
Fuel Type	Natural Gas / Propane
Direction of rotation	Counter-clockwise viewed on flywheel
Dry Weight	6,001 lb (2,722 kg)

kWe

		1500 RPM	1800 RPM
Standby*	NG	481 kWe	650 kWe
	LPG	350 kWe	420 kWe
Prime*	NG	433 kWe	540 kWe
	LPG	315 kWe	378 kWe

*Assumes 10% losses for fans and genset. Ratings subject to PSI application and duty cycle guidelines.