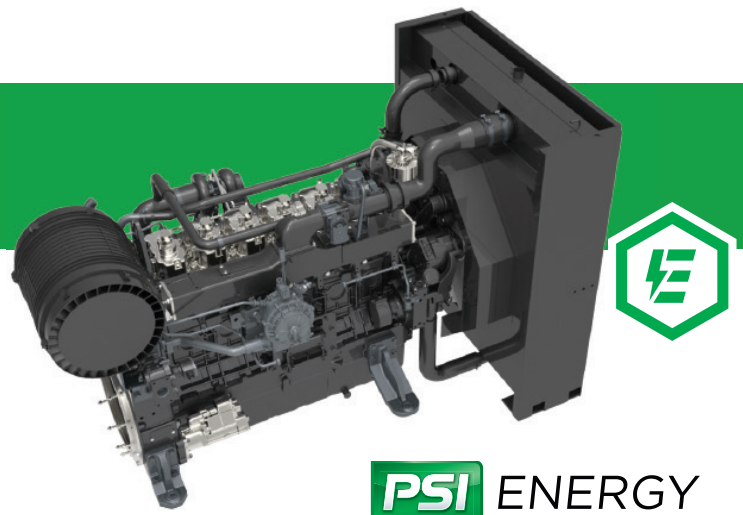


10NA NATURAL GAS/PROPANE ENGINE



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, naturally aspirated 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

FEATURES

- U.S. EPA-Certified
- Oil cooled light alloy pistons with high performance piston rings
- Hardened valves and valve seats
- Valley mounted water cooled exhaust manifold
- Telematics compatibility

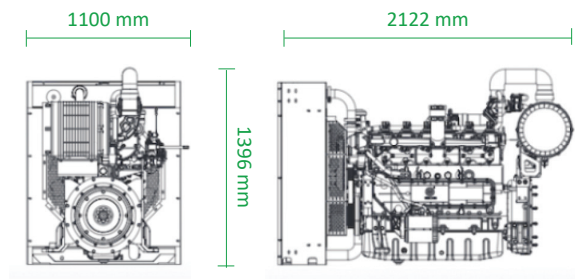
PSI 10NA ENGINE DATA

Model Number	10NA
Cylinders	I-6
Induction System	Naturally Aspirated
Combustion System	Spark-ignited
Cooling System	Water-cooled
Displacement	9.7 L
Bore & Stroke	126 mm x 130 mm
Fuel Type	Natural Gas / Propane / Bi-Fuel
Direction of Rotation	Counter-clockwise viewed on flywheel
Dry Weight	970 kg

POWER RATINGS

GAS ENGINE	NG							RPM
	Gross Engine Output			Typical Generator output				
	ESP	PRP	COP	ESP	ESP	PRP	PRP	
	kWm	kWm	kWm	kWe	kVA	kWe	kVA	
10NA	102	102	71	87	108	87	108	1500
	120	120	84	99	124	99	124	1800

GAS ENGINE	LPG							RPM
	Gross Engine Output			Typical Generator output				
	ESP	PRP	COP	ESP	ESP	PRP	PRP	
	kWm	kWm	kWm	kWe	kVA	kWe	kVA	
10NA	111	111	78	95	119	95	119	1500
	133	133	93	111	139	111	139	1800



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.

