

ENGINE SPECIFICATIONS

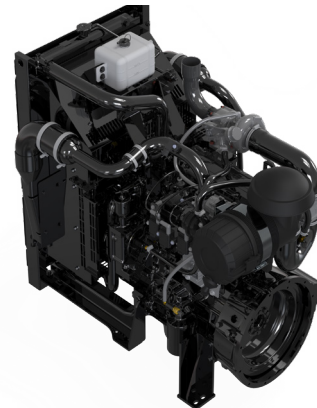
Configuration	Vertical in-line 3-cylinder
Induction system	TCAC
Combustion system	Spark-ignited
Cooling system	Water-cooled
Displacement	3.12 L (190 cubic inches)
Compression ratio	9:1
Bore x stroke	4.1 x 4.7 inches (105 x 120 mm)
Direction of rotation	Counterclockwise
Approx. wet weight	1,150 lbs. (521.6 kg)
Length	52.0 inches (132.1 cm)
Width	34.0 inches (86.4 cm)
Height	45.0 inches (114.3 cm)
Fuel type	NG/ wellhead/ LPG/ VPG



Power Ratings

50 Hz (1,500 RPM)

Application	Fuel	kWe	kWm	bHP
Prime	NG	44	49	66
Prime	LPG/VPG	40	44	59
Standby	NG	59	65	88
Standby	LPG/VPG	44	49	66



60 Hz (1,800 RPM)

Application	Fuel	kWe	kWm	bHP
Prime	NG	50	56	75
Prime	LPG/VPG	45	50	68
Standby	NG	67	75	100
Standby	LPG/VPG	50	56	75

Image shown is for illustration purposes only and may not be an exact representation of the final product.

Weight, physical dimensions, and power ratings are for reference only. Final product data may differ slightly.

NOTE: kWe calculated using 90 percent alternator efficiency at 0.8 power factor.

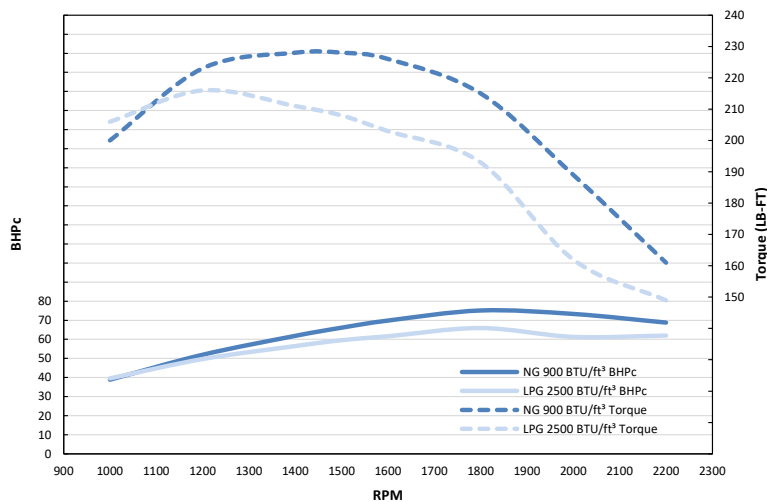
Features

- EPA-certified stationary/nonroad mobile and emergency standby
- Prime certified operating fuels – pipeline NG, LPG/VPG, and wellhead NG (700–1,600 BTU/ft³)
- Standby certified operating fuels – pipeline NG, LPG/VPG
- Single-piece cylinder head
- Stellite valves and seats
- Two valves per cylinder
- Integral oil cooler with filter
- Cast-iron block
- Forged steel, dynamically balanced and counterweighted crankshaft with hardened journals
- Woodward PG+ engine control system
- Standard canbus interface (SAE J1939)
- Telematics compatible
- Bi-fuel auto switching capable

ENGINE SPECIFICATIONS

Number of main bearings	4
Removable sleeves	Yes, standard
Ignition system	ECM, smart coil, 6+1 cam
Firing order	1-3-2
Fuel system	ECM, EFR, bi-fuel capable (NG/LPG)
AFR system	ECM, O ₂ closed loop, integral 3-way catalyst
Governor	ECM, L-Series actuator
Operating speed range	1,000–2,200 RPM – Prime 1,800 RPM – Standby
Electrical system	12V standard
Air filter	Dry type
Oil capacity	8 quarts (7.6 L)
Oil cooler	Standard
Coolant capacity	10 quarts (9.5 L)
Fan	Suction or pusher
Flywheel	SAE 11.5
Flywheel housing	SAE 3

GKP3TA Performance Data



GKP3TA Fuel Economy

