

ENGINE SPECIFICATIONS				
Configuration	Vertical in-line 6-cylinder			
Induction system	Naturally aspirated			
Combustion system	Spark-ignited			
Cooling system	Water-cooled			
Displacement	5.4 L (330 cubic inches)			
Compression ratio	8:1			
Bore x stroke	3.9 x 4.7 inches (98 x 118 mm)			
Direction of rotation	Counterclockwise			
Approx. wet weight (power unit, G-drive)	1,764 lbs. (800 kg) power unit	1,324 lbs. (601 kg) G-drive		
Length (power unit, G-drive)	68.9 inches, P.U.	58.0 inches, Gdrive		
Width	31.9 inches, P.U.	29.8 inches, Gdrive		
Height	74.9 inches, P.U.	45.5 inches, Gdrive		
Valves per cylinder	2			
Fuel type	NG/ wellhead/ LPG/ VPG			

A54E Gaseous Engine





Power Ratings

50 Hz (1,500 RPM)				
Application	Fuel	kWe	kWm	bHP
Prime	NG	36	40	54
Prime	LPG/VPG	40	44	59
Standby	NG	40	45	60
Standby	LPG/VPG	44	49	66

60 Hz (1,800 RPM)					
Application	Fuel	kWe	kWm	bHP	
Prime	NG	43	48	64	
Prime	LPG/VPG	47	52	70	
Standby	NG	48	53	71	
Standby	LPG/VPG	52	58	78	

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



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

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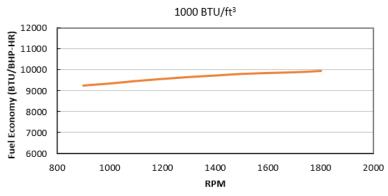
Features

- EPA-certified stationary/nonroad mobile and emergency standby
- Woodward PG+ engine control system
- Standard canbus interface (SAE J1939)
- Telematics ready
- Pipeline NG, LPG/VPG, and wellhead NG (700– 1,600 BTU/ft³) operating fuels different for prime and standby
- Fuel quality learn (no fueling adjustments required)
- Custom color display for engine control and diagnostics (power unit)
- NG lock-off valve

Options

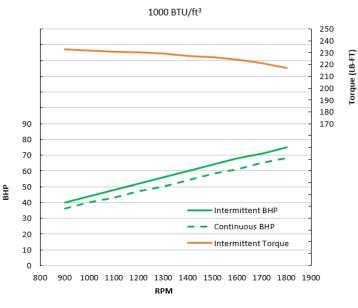
- Oil level regulator
- · LPG vaporizer and lock-off valve
- Electric or standard clutch
- Coolant level shutdown
- · Bi-fuel auto switching capable
- Open or closed power unit
- Open or closed genset
- · Certified engine kit for OEM packagers
- Exhaust silencer
- Coalescent filter
- Fuel gas filter

Fuel Economy



ENGINE SPECIFICATIONS				
Number of main bearings	7			
Removable sleeves	Yes			
Ignition	ECM, smart coil			
Firing order	1-5-3-6-2-4			
Fuel system	ECM, electronic flow regulator (EFR)			
AFR system	ECM, O ₂ closed loop, integral 3-way catalyst			
Governor	Electronic			
Operating speed range	900–1,800 RPM			
Electrical system	12V standard / 24V optional			
Air filter	Dry type, single element			
Oil capacity	17.5 quarts (16.6 L)			
Oil cooler	Optional			
Coolant capacity	16 quarts (15 L)			
Fan	Suction or pusher			
Flywheel	SAE 11.5			
Flywheel housing	SAE 3			





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