

LowboyPro GL14000

KUBOTA Generators



LowboyPro GL14000

The Kubota GL14000 generator delivers exceptional power from Kubota's own D902 diesel engine. Compact, reliable and innovative, the GL14000 is ideally suited for a wide array of applications.

Durable Generator, Reliable Power

For generations, Kubota engines have been renowned for their superior durability and dependable reliability. The GL14000 is no exception. Quality components and simple-yet-innovative engineering ensures power when and where you need it.

Receptacles and Terminals, All in One Unit

Most generators provide either receptacles or terminals. The GL14000 includes both.



Compact Design

Direct engine coupling and unique cooling system enhance the GL14000's low profile that allows it to fit in more spaces.

Easy One-Side Maintenance

All maintenance locations can be accessed from a single, large access panel on the side of the generator: oil gauge, oil filter, oil fill, fuel filter, water tank, battery and air cleaner. Engine oil and coolant drain extensions are included to help with regularly scheduled fluid changes.

The Quietest GL Series Generator Yet

The LowboyPro includes numerous features that reduce overall noise levels.

- The large-capacity radiator reduces fan-related noise by direct coupling the crankshaft with a slower-speed fan.
- The large-capacity, built-in muffler reduces exhaust noise.
- A longer air-cleaner hose dampens air-suction noise levels.
- The inlet vent is strategically placed and specifically designed to allow minimal noise from the enclosure's opening.



Highly Resistant to Corrosion

From top to bottom, the GL14000 is designed to resist corrosion in wet weather and other extreme conditions. A dual-layer surface coating that covers critical components includes the following technologies:

- Electrodeposition coating covers the edges uniformly, which provides corrosion prevention that is difficult to achieve with other technologies.
- Electrodeposition provides an excellent base coat for the exterior powder coat.
- External powder coat provides a hard finish that further resists corrosion and maintains its appearance in severe working conditions.

Improved Reliability

The new GL14000 alternator is optimized to generate more magnetic force with fewer turns, which improves long-term reliability and durability. Numerous alternator features help to increase durability and enhance performance.

- Varnishing bundles individual coils together within the interior winding layer, greatly improving durability.
- The surface of the coil layer is coated with a second layer of varnish to protect against dust and moisture.
- The varnish-coated wires are wound at a constant pitch, increasing protection against the wear and tear inherent in high-speed rotation components.
- The entire alternator is finish-coated with another varnish layer that enhances moisture and water resistance while ensuring excellent performance in extreme weather.

Specifications

LowboyPro GL14000



Item	Elements	Unit	Specification Standard (STD)
Generator	1-Phase	Generator Type	1-Phase, 3-Wire
		Rated Output	(kVA) 12
		Maximum Output	(kVA) 14
		Rated Voltage	(V) 240 / 120
		Rated Current	(A) 50 / 50 x 2
		Power Factor	1.0
	Frequency	(Hz) 60	
	Frequency Regulation	(%) 0.25	
	Voltage Regulation	(%) 240V : ± 0.5/120V : ± 5.0	
	Momentary Load Variability	(%)	Fluctuation rate of the maximum voltage: 30% Within 3% of the setting voltage Recovery time: 2 seconds
	Voltage Adjusting Range	(%) -15%~+5% of the rated voltage	
Waveform Distortion Factor (at no load)	(%) 2.0		
Engine	Manufacturer / Model		Kubota / D902
Economy	Fuel Consumption	100% Load	L/hr (Gal/hr) 4.9 (1.29)
		75% Load	L/hr (Gal/hr) 3.9 (1.03)
		50% Load	L/hr (Gal/hr) 3.2 (0.85)
		25% Load	L/hr (Gal/hr) 2.5 (0.66)
	Continuous Operating Hours	100% Load	(hr) 7.0
		75% Load	(hr) 9.0
		50% Load	(hr) 11.0
		25% Load	(hr) 15.0
	Fuel Tank Capacity (Net Volume)	L (Gal)	36.4 (9.62)
	Exterior	Dry Weight / Net Weight	
Dimensions		Length	mm (in.) 1310 (51.57)
		Width	mm (in.) 640 (25.2)
		Height	mm (in.) 895 (35.24)

Item	Elements	Unit	Specification Standard (STD)
Operability	Control Panel	Voltmeter, Ammeter, Frequency Meter	Standard
		Ammeter Selector Switch	Standard
		Frequency Selector Switch	NA- 60Hz Only
		Voltage Adjusting Dial	Standard
		Available Output Indicator	Standard
		Voltage Indicator Panel Light	Standard
		Emergency Stop System	Opening of control panel or terminal cover
		Operation Panel	Hour Meter
	Fuel Gauge		Standard
	Tachometer		Standard
	Equipment	Receptacles	120V-20A GFCI x 2 (4 receptacles) 120/240V-50A Twist type x 1
		Breaker	Main x 1 GFCI x 2
		Output Terminal Block	Single phase - 3 wires (U-N/G-W) Terminal Size: M8
		Front Door Lock	Padlock (Option)
Side Door Lock		Padlock (Option)	
Fuel Inlet Lock		Padlock (Option)	
Reliability	Minimum Insulation Resistance	(MΩ) 3	
	Withstand Voltage Test Procedure	1500V, within 1 minute	
Safety	Overcurrent Protective Device	Equipped as standard	
	Grounding System	Neutral Bonding (Body earthing)	
	Protective Device	Low Oil Pressure	Engine Shut Off
		Excessive Coolant Temp.	Engine Shut Off
		Improper Charging	Engine Shut Off
Over Revolution		Engine Shut Off	
Spill Containment	Full containment: Engine Shut Off + Warning Lamp Maintenance: Warning Lamp		
Noise	Noise Level (No Load / Rated Operation)	(dB • A/7m) 65 / 67	
Environmental Friendliness	Applicable Emission Control Standard	EPA Tier 4 Final, CARB	
	Spill Containment Capacity	(L) 82 (186% of the entire fuel, oil and coolant)	

Contact Your Kubota Engine America Generator Distributor

Your local distributor can supply you with information and sales support, plus quality Kubota parts and service.