

KUBOTA GENERATORS

LowboyPro GL14000



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KUBOTA ENGINE AMERICA

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	Generator Type		3-Phase, 3-Wire	
	Rated Output	(kVA)	12	
	Max. 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	
	Monetary Load Variability	(%)	Fluctuation rate of the maximum voltage: 20% Within 3% of the setting voltage Recovery time: 2 seconds	
Engine	Voltage Adjusting Range	(%)	-10%~+5% of the rated voltage	
	Waveform Distortion Factor (at no load)	(%)	2.0	
	Manufacturer / Model		Kubota / D902	
	Engine Speed	RPM	3600	
Economy	Fuel Consumption	100% Load	L/hr (Gal/hr)	4.9 (0.29)
		75% Load	L/hr (Gal/hr)	3.9 (0.83)
		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		kg (lb)
Length		mm (in.)	1380 (54.3)	
Width		mm (in.)	640 (25.2)	
Height		mm (in.)	895 (35.2)	

Item	Elements	Unit	Specification Standard (STD)
Operability	Control Panel	Voltmeter, Ammeter, Frequency Meter	Standard
		Ammeter Selector Switch	Standard
		Voltage Adjusting Dial	Standard
		Available Output Indicator	Standard
		Voltage Indicator Panel Light	Standard
	Operation Panel	Emergency Stop System	Opening of control panel or terminal cover
		Hour Meter	Standard
		Fuel Gauge	Standard
	Equipment	Tachometer	Standard
		Receptacles	120V-30A GFI * 2 (4 receptacles) 120/240V-50A Twist type x 1
Reliability	Equipment	Breaker	Main x 1 GFI x 2
		Output Terminal Block	Single phase 3-wires (3-40G-W) Terminal Size: #8
		Front Door Lock	Padlock (Option)
		Side Door Lock	Padlock (Option)
		Fuel Inlet Lock	Padlock (Option)
	Minimum Insulation Resistance	(MΩ)	3
		Withstand Voltage Test Procedure	1500V within 1 minute
	Overcurrent Protective Device		Equipped as standard
	Grounding System		Neutral Bonding (Body earthing)
Safety	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	Fall 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		EPH Tier 4 Final, CARB
	Spill Containment Capacity		82 (104% 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.

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