

# KUBOTA GL SERIES GENERATORS

POWER AND RELIABILITY  
YOU CAN COUNT ON.



For Earth, For Life  
**Kubota**



## Safety Features

If the water temperature is excessive, or if the oil pressure drops below a safe level, your Kubota generator shuts down automatically to minimize or prevent damage. A starter safety relay also prevents the starter from engaging after the engine starts up.

- **Terminal Cover**

Terminal-type generators are equipped with an output connection cover that stops the engine immediately when it is opened during operation.

- **Double Circuit Protectors**

In addition to the overall circuit protector, each 120v receptacle has a secondary circuit protector that immediately cuts power to the circuit when sensing an overload or short.

## Operator Friendly Design

Portable, long-lasting power is a hallmark of Kubota generators. No matter what your application, you can rely on ease of transporting. The one-point lifting eye makes GL Series generators easy to transport. There is also an option to lift the generator from the bottom making this an additional lifting point.

## Low Noise Level

Your Kubota generator includes numerous features that reduce overall noise levels.

- Using a large capacity radiator and slower speed fan reduces fan related noise.
- 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.



CSA Certified Model



# Kubota GL Series LOWBOY II AND LOWBOYPRO GENERATORS

Adequate, convenient power is a must – and anything less than the dependability and proven performance of Kubota is a gamble. The **Kubota GL Series generators** are made to deliver reliable power with a durable, convenient design – plus a wealth of features that maximize usability and enhance your peace of mind.

## Compact Design

Kubota's GL Series generators are designed to have the lowest-possible height while using vertical diesel engines to deliver impressive power output. The generator's direct engine coupling and unique cooling system enhance its low profile allowing it to fit in more spaces.

## Low Emissions

The Kubota diesel engines that power your GL Series generators are fully compliant with EPA Tier 4 final emission regulations.

## Easy One-Side Maintenance

All maintenance can be performed from a single, large access panel on the generator. Engine oil and coolant drain extensions are included to help with regularly scheduled fluid changes.

## Receptacle vs. Terminal

Lowboy II generators for the US market are offered with receptacles or terminals and receptacle only for Canada. The **LowboyPro includes both** receptacle and terminals in one unit.



# Specifications

## Lowboy II

CSA Certified



GENERATOR		Unit	GL7000	GL7000TM	GL11000	GL11000TM		
Type		-	Rotating field single-phase AC generator					
Frequency		Hz	60					
Standby Output		kVA (kW)	7.0 (7.0)		11.0 (11.0)			
Prime Output		kVA (kW)	6.5 (6.5)		10.0 (10.0)			
Voltage - Single Phase		V	120/ 240		120 / 240			
Armature Connection		-	Series		Series			
Phase / Wire		-	1/4		1/3			
Power Factor		-	1.0		1.0			
Number of Poles		-	2		2			
Insulation		Class	Rotor coil; class F, Stator coil; class B					
Type of Coupling		-	Direct coupled					
<b>AMPS</b>								
Single Phase 120 V		A	54.2	54.2	83.4	83.4		
Single Phase 240 V		A	27.1	27.1	41.7	41.7		
<b>NUMBER OF RECEPTACLES</b>			<b>GL7000</b>			<b>GL11000</b>		
			USA	CSA	TM	USA	CSA	TM
5-20RA (GFCI)		-	1	1	1	2	2	1
L5-30R		-	1	2	-	1	1	-
L6-30R		-	1	1	-	1	1	-
L14-30R		-	1	-	-	-	-	-
L14-50R		-	-	-	-	-	1	-
CS-6369		-	-	-	-	1	-	-
<b>TERMINAL</b>								
Terminal		-	Available					
<b>DIESEL ENGINE</b>								
Type		-	Vertical 4-cycle liquid cooled diesel engine					
Model		-	Z482		D722			
Number of Cylinders		-	2		3			
Bore x Stroke		mm (in.)	67.0 x 68.0 (2.64 x 2.68)		67.0 x 68.0 (2.64 x 2.68)			
Displacement		L (cu.in.)	0.479 (29.2)		0.719 (43.9)			
Engine Speed		rpm	3600		3600			
Continuous Rated Output		kW (HP)	8.1 (10.8)		12.2 (16.3)			
Lubricant (API classification)		-	Above CF grade		Above CF grade			
Oil Capacity		L (qts)	2.2 (2.3)		3.4 (3.6)			
Coolant Capacity		L (qts)	3.7 (3.9)		4.1 (4.3)			
Starting System		-	Electric - 12 volt DC					
<b>SET</b>								
Fuel			Diesel Fuel No.2 (ASTM D975)					
Fuel Consumption	100% Load	L/hr (gal/hr)	2.6 (0.69)		4.1 (1.1)			
	75% Load	L/hr (gal/hr)	2.1 (0.55)		3.3 (0.86)			
	50% Load	L/hr (gal/hr)	1.7 (0.45)		2.7 (0.71)			
	25% Load	L/hr (gal/hr)	1.4 (0.38)		2.2 (0.59)			
Fuel Tank Capacity		L (gal)	28.0 (7.39)		28.0 (7.39)			
Continuous Operating Hours	100% Load	h	10.0		7.0			
	75% Load	h	13.3		8.5			
	50% Load	h	16.5		10.4			
	25% Load	h	20.0		12.7			
Battery (Ah/5h)		-	12V x 28 Ah		12V x 36 Ah			
Dimensions L x W x H		mm	1066 x 618 x 698		1281 x 618 x 698			
		(in.)	(41.97 x 24.3 x 27.5)		(50.43 x 24.3 x 27.5)			
Approximate Net Weight		kg (lb)	262 (577)		318 (701)			
Sound Level (Full load at 23 ft (7m))		dB (A)	66.0		68.0			
Emergency Stop System		-	In case of abnormal oil pressure, water temperature, or when the access terminal cover is opened (terminal type only)					

# Specifications

## LowboyPro



MODEL	UNIT	GL14000	
Frequency	(Hz)	60	
Rated Output	(kVA)	12	
Maximum Output	(kVA)	14	
Rated Voltage	(V)	240/120	
Rated Current	(A)	50/100	
Phase / Wire		1-3	
Power Factor		1.0	
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	
<b>RECEPTACLES &amp; TERMINAL</b>			
Receptacles		120V-20A GFCI x 2 (4 receptacles) 120/240V-50A Twist type x 1	
Breaker		Main x 1 Secondary In-line x2	
Output Terminal Block		Single phase - 3 wires (U-N/G-W) Terminal Size: M8	
Padlock (Option)		Front Door Lock, Side Door Lock, Fuel Inlet Lock, Terminal Cover	
<b>DIESEL ENGINE</b>			
Manufacturer / Model		Kubota / D902	
Engine Speed	RPM	3600	
Applicable Emission Control Standard		EPA Tier 4 Final, CARB	
<b>GENERATOR CONTROL PANEL</b>			
Voltmeter, Ammeter, Frequency Meter		Standard	
Ammeter Selector Switch		Standard	
Voltage Adjusting Dial		Standard	
Available Output Indicator		Standard	
Voltage Indicator Panel Light		Standard	
Hour Meter, Fuel Gauge, Tachometer		Standard	
<b>RELIABILITY &amp; SAFETY</b>			
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)	
Engine Shut-Off		Low Oil Pressure, Excessive Coolant Temperature, Improper Charging, Over Revolution	
Spill Containment Capacity	L	82 (186% of the entire fuel, oil and coolant)	
Emergency Stop System		Opening of control panel or terminal cover	
<b>SET</b>			
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)
Fuel Tank Capacity (Net Volume)	L (gal)		36.4 (9.62)
Continuous Operating Hours	100% Load	(hr)	7.0
	75% Load	(hr)	9.0
	50% Load	(hr)	11.0
	25% Load	(hr)	15.0
Dimensions L x W x H	mm (in.)		1310 x 640 x 895 (51.57 x 25.2 x 35.24)
Dry Weight / Net Weight	kg (lb)		410 (904) / 455 (1003)
Noise Level (No Load / Rated Operation)	(dB • A/7m)		65 / 67

# CONTACT YOUR KUBOTA ENGINE AMERICA DISTRIBUTOR



For sales, service and support contact  
your authorized Kubota generator distributor.

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