

KUBOTA GL SERIES GENERATORS

POWER AND RELIABILITY
YOU CAN COUNT ON.



For Earth, For Life
Kubota

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					
AMPS								
Single Phase 120 V		A	54.2		54.2		83.4	
Single Phase 240 V		A	27.1		27.1		41.7	
NUMBER OF RECEPTACLES			GL7000			GL11000		
			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	-	-
TERMINAL								
Terminal		-	Available					
DIESEL ENGINE								
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					
SET								
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
RECEPTACLES & TERMINAL			
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
DIESEL ENGINE			
Manufacturer / Model			Kubota / D902
Engine Speed		RPM	3600
Applicable Emission Control Standard			EPA Tier 4 Final, CARB
GENERATOR CONTROL PANEL			
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
RELIABILITY & SAFETY			
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
SET			
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/7 m)	65 / 67



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.

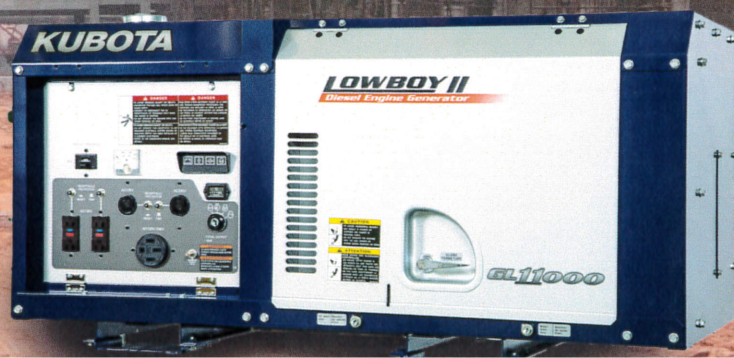
Low Noise Level

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



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For sales, service and support contact
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