

Model	Unit	GL6000A-AU-B	GL6000D-AU-B	GL9000A-AU-B	GL9000D-AU-B
GENERATOR					
Design	—	Salient-pole, revolving-field AC generator (AVR system with separate and self- excitation brush)		Salient-pole, revolving-field AC generator (AVR system with separate and self- excitation brush)	
Frequency	Hz	50		50	
Rated Output (COP)	kVA	5.5		8	
	kW	5.5		8	
Rated Voltage	V	240		240	
Rated amperage	A	22.9		33.3	
Phase & Wire	ø-W	1-2		1-2	
Power Factor	%	100		100	
No. of Poles	—	2		2	
Insulation	—	Rotor coil: Class F, Stator coil: Class B		Rotor coil: Class F, Stator coil: Class B	
Voltage Regulation	%	5 (No load to full load)		5 (No load to full load)	
Total Harmonic Distortion	%	8 (No load), 22 (Full load)		4 (No load), 6 (Full load)	
Type of Coupling	—	Direct coupled		Direct coupled	
DIESEL ENGINE					
Model	—	Z482		D722	
Design	—	Vertical, water-cooled, 4-cycle diesel engine		Vertical, water-cooled, 4-cycle diesel engine	
No. of cylinders	—	2		3	
Bore x stroke	mm (in.)	ø 67 x 68 (2.6 x 2.7)		ø 67 x 68 (2.6 x 2.7)	
Displacement	L (cu. in.)	0.479 (29.2)		0.719 (43.9)	
Engine speed	rpm	3000		3000	
Lubricating Oil	—	API service class CF or higher		API service class CF or higher	
Oil capacity	L (U.S.gal.)	2.2 (0.58)		3.4 (0.90)	
Coolant capacity	L (U.S.gal.)	3.7 (0.98)		4.1 (1.1)	
SET					
Fuel	—	Diesel fuel No. 2 (ASTM D975)		Diesel fuel No. 2 (ASTM D975)	
Fuel consumption (at full load)	L (U.S.gal.)/h	2.4 (0.63)		3.3 (0.87)	
Fuel tank capacity	L (U.S.gal.)	28 (7.4)		28 (7.4)	
Continuous Operating Hours	hrs	12		8.5	
Battery (V x Ah/5Hr)	—	44B19R (12V x 27Ah)		55B24R (12V x 36Ah)	
Starting System	—	Electric		Electric	
L x W x H	mm (in.)	1066 x 618 x 698 (42.0 x 24.3 x 27.5)		1281 x 618 x 698 (50.4 x 24.3 x 27.5)	
Approx Net Wt.	kg (lbs.)	235 (518)		280 (617)	
Controller	—	Analog	Digital - DSE4520	Analog	Digital - DSE4520
Receptacles	—	2 x 15A (IP66 rated)		3 x 15A (IP66 rated)	
Electrical Protection	—	25A MCB (2 Pole), 16A RCBO 30mA (2 Pole) x 2, MEN Link at Alternator.		40A MCB (2 Pole), 16A RCBO 30mA (2 Pole) x 3, MEN Link at Alternator.	
Shutdown System	—	In case of abnormal : Oil pressure, water temperature		In case of abnormal : Oil pressure, water temperature	
	—	Emergency stop button, Engine Room Door Opened		Emergency stop button, Engine Room Door Opened	
	—	Under/Over Voltage and Frequency		—	Under/Over Voltage and Frequency



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+GL-6000
+GL-9000



Kubota diesel generators are designed to provide constant and reliable power generation

LOW NOISE LEVELS

The use of the larger capacity radiator on the GL-6000/9000 generators, with oversize muffler plus a lower fan speed ensures minimum operating noise levels. A matched air cleaner hose further reduces suction noise to make sure these generators are the quietest available.

EASY MAINTENANCE

The fuel capacity on the GL-6000/9000 has been increased to 28 litres for extended working applications. Control panels are centrally located and easy to use, providing full operating information at a glance. Single sided maintenance reduces the operator's workload and makes checking the oil, fuel, cooling water and battery levels a simple operation. Transportability is enhanced with special forklift openings on the base of the unit as well as one point lifting eye.

A large capacity sump ensure that oil change levels are extended to 200hr intervals to reduce downtime and operating costs and a fully enclosed breathing system minimises splash back. Double element air cleaners are standard allowing the GL-6000/9000 generators to be used in dusty or sandy environments.

Another benefit of the generator and engine being direct coupled is that there is no drive belt to adjust on these models.

COMPACT DESIGN

The GL-6000/9000 generators achieve their compact design and superior performance by direct coupling the alternator to the engine.

CLEANER EMISSIONS

The Kubota ETVCS vertical diesel engines which power the GL-6000/9000 generators are designed to meet the USA EPA Emission Control Tier 2 regulations.

SAFETY MEASURES

The GL-6000/9000 generators provide covers for the engine cooling fan and generator for safer operation. An automatic shutdown is activated if water temperature is too high or oil pressure drops below a safe operating level and a Starter Safety System prevents engaging again after initial start.

IMPROVED RELIABILITY

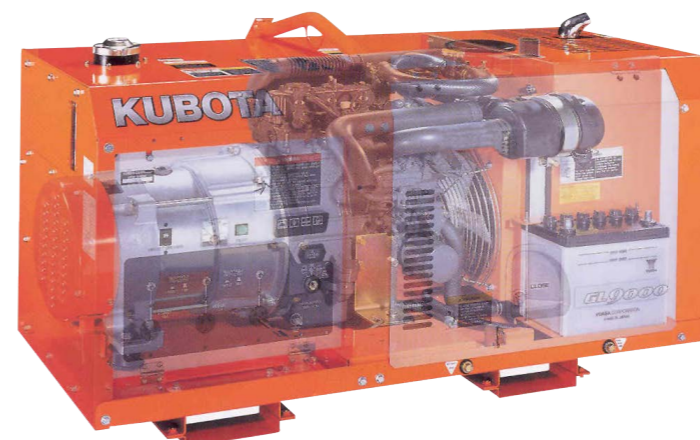
The Kubota super mini vertical diesel engines are water cooled and have increased performance for dependable horsepower and when direct coupled to the generator, provide continuous power output levels with minimum power loss.



GL-6000
CONTROL PANEL



GL-9000
CONTROL PANEL



GL-9000 INTERNAL VIEW

NEW FEATURES

+ AUTO START CONTROLLER - DIGITAL OPTION ONLY

Large back-lit icon LCD display:
The Deep Sea 4520 Auto Start Controller has a large back lit screen which clearly displays operator information in an easy to read manner.

Full engine and alternator capabilities:
Ensures the engine is fully monitored for improved operating performance including engine speed protection, engine hour's counter, engine pre-heat and engine idle control for start/stop.

+ RESIDUAL CURRENT DEVICE

The Residual Current Device will be factory fitted and this will offer a high level of personal protection to the operator from electrical shock and provide high levels of protection from potential electrical fires.

+ CIRCUIT BREAKERS

The factory fitted circuit breakers offer protection against suddenly large overloads of electrical flow and large power loads potentially destroying electrical equipment. The circuit breakers offer increased safety.