Kubota

KUBOTA DIESEL ENGINE GENERATORS

Quiet Low Body Compact

Digital & Analogue

GL6000/GL9000

Output Range: 6kVA – 9kVA



Call now for further information & your nearest dealer:

AUSTRALIA WIDE 1300 582 582

kubota.com.au

KUBOTA LOWBOY 3

› GL 6000
› GL 9000



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 GL6000/9000 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 batter 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 uses in dusty or sandy environments.

Another benefit of the generator and engine being direct coupled is that there I 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 Ties 2 regulations, which are the toughest in the world.

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 to 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.

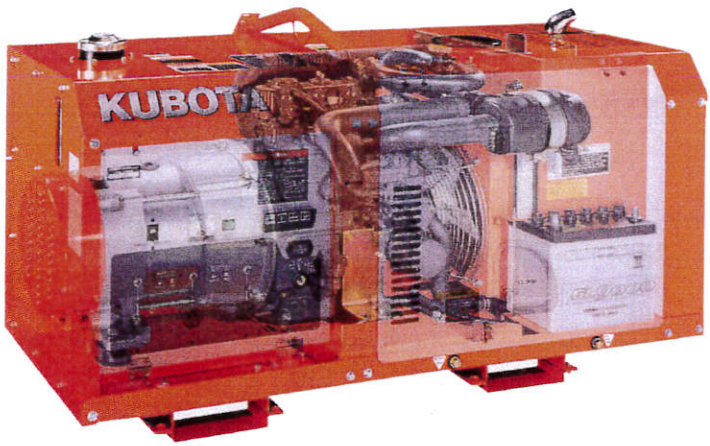
Kubota diesel generators are designed to provide constant and reliable power generation



KUBOTA
LOWBOY 3
GL 6000
CONTROL PANEL



KUBOTA
LOWBOY 3
GL 9000
CONTROL PANEL



KUBOTA
LOWBOY 3
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 (kW, kV A, kV Ar, pf) 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, engine run-time scheduler 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 offers protection against suddenly large overloads of electrical flow and large power loads potentially destroying electrical equipment. The circuit breakers offer increase safety as they respond quicker than fuses.

MODEL	UNIT	GL6000A-AU-B	GL6000D-AU-B	GL9000A-AU-B	GL9000D-AU-B
Type	-	Rotating field single-phase AC generator	Rotating field single-phase AC generator	Rotating field single-phase AC generator	Rotating field single-phase AC generator
Frequency	Hz	50	50	50	50
Standby Output	kVA (kW)	6.0 (6.0)	6.0 (6.0)	8.8 (8.8)	8.8 (8.8)
Prime Output	kVA (kW)	5.5 (5.5)	5.5 (5.5)	8.0 (8.0)	8.0 (8.0)
Voltage - Single Phase	V	240	240	240	240
Voltage - Three Phase (Rated voltage line to line)	V	-	-	-	-
Voltage - Three Phase (Rated voltage line to neutral)	V	-	-	-	-
Armature Connection	-	Single	Single	Single	Single
Phase/Wire	-	1/2	1/2	1/2	1/2
Power Factor	-	1.0	1.0	1.0	1.0
No. Of Poles	-	2.0	2.0	2.0	2.0
Insulation	Class	Rotor coil; F, Stator coil; class B	Rotor coil; F, Stator coil; class B	Rotor coil; F, Stator coil; class B	Rotor coil; F, Stator coil; class B
Voltage Regulation	%	5.0 (N load to full load)	5.0 (N load to full load)	5.0 (N load to full load)	5.0 (N load to full load)
Type of Coupling	-	Direct coupled	Direct coupled	Direct coupled	Direct coupled
AMPS					
Single Phase 240V	A	22.9	22.9	33.3	33.3
Three Phase 415V	A	-	-	-	-
Three Phase 240V	A	-	-	-	-
NO. OF RECEPTACLES					
240V 15A (IP56) Auto Switching	-	2	2	3	3
TERMINAL					
Terminal	-	n/a	n/a	n/a	n/a
ELECTRICAL PROTECTION					
Main Circuit Breaker (MCB)	A/Pole	25/2	25/2	40/2	40/2
RCBO 240V 16A 2 Pole 30mA	-	2	2	3	3
DIESEL ENGINE					
Type	-	Vertical, water-cooled, 4 cycle diesel engine	Vertical, water-cooled, 4 cycle diesel engine	Vertical, water-cooled, 4 cycle diesel engine	Vertical, water-cooled, 4 cycle diesel engine
Model	-	Z482	Z482	D722	D722
No. Of Cylinders	-	2	2	3	3
Bore x Stroke	mm (in.)	67 x 68 (2.6 x 2.7)	67 x 68 (2.6 x 2.7)	67 x 68 (2.6 x 2.7)	67 x 68 (2.6 x 2.7)
Displacement	LL (cu. in.)	0.479 (29.2)	0.479 (29.2)	0.719 (43.9)	0.719 (43.9)
Engine Speed	rpm	3000	3000	3000	3000
Continuous Rated Output	kW (HP)	6.9 (9.3)	6.9 (9.3)	10.3 (13.8)	10.3 (13.8)
Oil Capacity	L (qts)	2.2 (2.32)	2.2 (2.32)	3.4 (3.6)	3.4 (3.6)
Coolant Capacity	L (qts)	3.7 (3.92)	3.7 (3.92)	4.1 (4.35)	4.1 (4.35)
Starting System	-	Electric - 12 volt DC	Electric - 12 volt DC	Electric - 12 volt DC	Electric - 12 volt DC
SET					
Fuel		Diesel fuel No. 2 (ASTM d975)	Diesel fuel No. 2 (ASTM d975)	Diesel fuel No. 2 (ASTM d975)	Diesel fuel No. 2 (ASTM d975)
Fuel Consumption at full load	L/h (gal./h)	2.2 (0.58)	2.2 (0.58)	3.2 (0.85)	3.2 (0.85)
Fuel Consumption at 3/4 load	L/h (gal./h)	1.8 (0.48)	1.8 (0.48)	2.5 (0.67)	2.5 (0.67)
Fuel Consumption at 1/2 load	L/h (gal./h)	1.5 (0.39)	1.5 (0.39)	2.1 (0.55)	2.1 (0.55)
Fuel Consumption at 1/4 load	L/h (gal./h)	1.2 (0.31)	1.2 (0.31)	1.8 (0.47)	1.8 (0.47)
Fuel Tank Capacity	L (gal.)	28 (7.4)	28 (7.4)	28 (7.4)	28 (7.4)
Continuous Operation Hours at Full Load	h	12	12	8.5	8.5
Continuous Operation Hours at 3/4 Load	h	15.6	15.6	11.2	11.2
Continuous Operation Hours at 1/2 Load	h	18.7	18.7	13.3	13.3
Continuous Operation Hours at 1/4 Load	h	23.3	23.3	15.6	15.6
Battery (Ah/5h)	-	12V (28Ah)	12V (28Ah)	12V (36Ah)	12V (36Ah)
Dimensions (L x W x H)	mm	1066 x 618 x 698	1066 x 618 x 698	1281 x 618 x 698	1281 x 618 x 698
Approx. Net Weight	kg (lbs)	235 (518)	235 (518)	295 (650)	295 (650)
Sound Level (Full Load at 7m)	dB (A)	65	65	67	67
Generator Control System	-	Analog Shutdown in case of abnormal: Oil Pressure, Water temperature	Deep Sea 4520 Digital Control Shutdown In case of Abnormal: Oil pressure, water temperature, fan belt broken, Over/under voltage, Over/ under frequency Display: Generator Voltage, Generator Frequency, Battery Voltage, Engine hours, RPM.	Analog Shutdown in case of abnormal: Oil Pressure, Water temperature	Deep Sea 4520 Digital Control Shutdown In case of Abnormal: Oil pressure, water temperature, fan belt broken, Over/under voltage, Over/ under frequency Display: Generator Voltage, Generator Frequency, Battery Voltage, Engine hours, RPM.
Emergency Stop Safety System	-	Recessed external E-stop, Engine shutdown when engine room door open, Energise to run stop solenoid	Recessed external E-stop, Engine shutdown when engine room door open, Energise to run stop solenoid	Recessed external E-stop, Engine shutdown when engine room door open, Energise to run stop solenoid	Recessed external E-stop, Engine shutdown when engine room door open, Energise to run stop solenoid
Remote Start	-	-	2 wire (continuity, no voltage required)	-	2 wire (continuity, no voltage required)