50 Hz DIESEL GENERATOR

Kubota GL Series Lowboy II

GL6000

Overview



Kubota's GL6000 Lowboy II generator delivers dependable power in a compact design built for space-restricted applications. Powered by a Z482 Kubota diesel engine, it provides efficient performance, low noise operation and consistent output for jobsite and backup power needs.

Key Features

Compact LOWBOY II Design
Direct-coupled engine and cooling system reduce overall height and footprint for greater flexibility

Reliable Power Output
Designed to deliver consistent performance for a wide range of applications

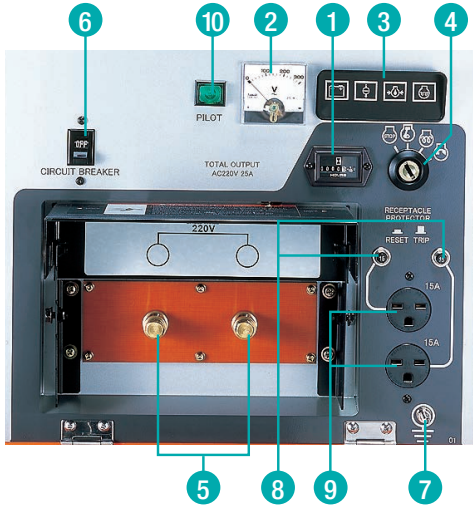
Extended Runtime
Large-capacity fuel tank supports longer operation between refueling

Low-Noise Operation
Radiator, muffler and airflow design work together to reduce operating noise

Easy One-Side Maintenance
Centralized access to key components simplifies routine service and reduces downtime

Built-In Safety Systems
Automatic shutdown protects against low oil pressure and high coolant temperature

Control Panel



1. Hour Meter
2. A.C. Voltmeter
3. Monitor Lamps
4. Key Switch
5. Output Terminals
6. Circuit Breaker
7. Ground Terminal
8. Receptacle Protector
9. Output Receptacles
10. Pilot Lamp

Kubota

	Unit	GL6000
Type		Rotating field single-phase AC generator
Frequency	Hz	50
Standby Output	kVA (kW)	6.0 (6.0)
Prime Output	kVA (kW)	5.5 (5.5)
Voltage - Single Phase	V	220
Armature Connection		Series
Phase/Wire		1/2
Power Factor		1.0
Number of Poles		2
Insulation	Class	Rotor coil; class F, Stator coil; class B
Voltage Regulation	%	5.0 (No load to full load)
Type of Coupling		Direct coupled
Amperage	A	25.0 (220 V Single phase)
Receptacles		2 (6-15R)
Terminal		Available
Engine Type		Vertical, water-cooled, 4-cycle diesel engine
Engine Model		Z482
Number of Cylinders		2
Bore x Stroke	mm (in.)	67.0 × 68.0 (2.30 × 2.70)
Displacement	L (cu in.)	0.479 (29.2)
Engine Speed	rpm	3000
Continuous Rated Output	kW (HP)	6.9 (9.3)
Lubricant (API classification)		Above CD grade
Oil Capacity	L (qts)	2.2 (2.32)
Coolant Capacity	L (qts)	3.7 (3.92)
Starting System		Electric - 12 volt DC
Fuel		Diesel Fuel No. 2 (ASTM D975)
Fuel Consumption @ Full Load	L/h (gal/h)	2.2 (0.58)
Fuel Consumption @ 3/4 Load	L/h (gal/h)	1.9 (0.48)
Fuel Consumption @ 1/2 Load	L/h (gal/h)	1.5 (0.39)
Fuel Consumption @ 1/4 Load	L/h (gal/h)	1.2 (0.31)
Fuel Tank Capacity	L (gal)	28.0 (7.4)
Continuous Operation Hours @ Full Load	h	12.0
Continuous Operation Hours @ 3/4 Load	h	15.6
Continuous Operation Hours @ 1/2 Load	h	18.7
Continuous Operation Hours @ 1/4 Load	h	23.3
Battery (Ah/5h)		12V (28Ah)
Dimensions L x W x H	mm (in)	1066 × 618 × 698 (42.0 × 24.3 × 27.5)
Approximate Net Weight	KG (lb)	235 (518)
Sound Level (Full load at 23ft [7m])	dB (A)	65
Emergency Stop System		In case of abnormal: Oil pressure, water temperature, or when the access terminal cover is opened

KUBOTA Engine America Corporation
505 Schelter Road, Lincolnshire, IL 60069
P: 847.955.2500 | kubotaengine.com

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