60 Hz DIESEL GENERATOR

Kubota GL Series Lowboy II

GL7000-TM

Overview



Kubota's GL7000-TM Lowboy II generator is designed for applications requiring direct power connection. Delivering 7 kW standby power in a compact design, it combines efficient diesel performance with dependable output for jobsite use.

Key Features

Terminal Model Configuration
Designed for direct wiring and integration with automatic transfer switch (ATS) systems

Reliable Power Output
6.5 kW prime and 7.0 kW standby power for consistent performance

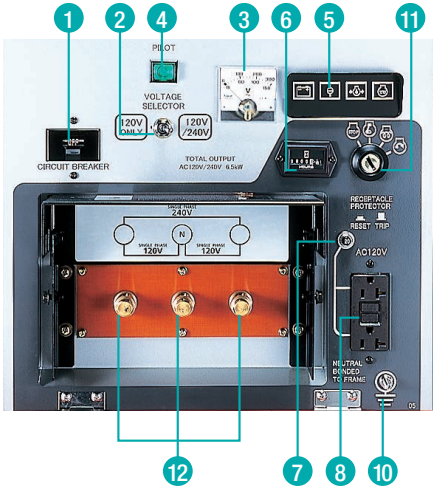
Compact LOWBOY II Design
Direct-coupled engine and cooling system reduce overall footprint

Extended Runtime
Large 7.4-gallon fuel tank supports longer operation between refueling

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

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

Control Panel



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

	Unit	GL7000-TM
Type		Rotating field single-phase AC generator
Frequency	Hz	60
Standby Output	kVA (kW)	7.0 (7.0)
Prime Output	kVA (kW)	6.5 (6.5)
Voltage - Single Phase	V	120 / 240
Armature Connection		Series
Phase/Wire		1/4
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	54.2 (120 V Single phase), 27.1 (240 V Single phase)
Receptacles		5-20RA (GFCI)
Terminal		Available
ATS Compatibility		Yes
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 (2.60 × 2.70)
Displacement	L (cu in.)	0.479 (29.2)
Engine Speed	rpm	3600
Continuous Rated Output	kW (HP)	8.1 (10.9)
Lubricant (API classification)		Above CD grade
Oil Capacity	L (qts)	2.2 (0.58)
Coolant Capacity	L (qts)	3.7 (0.98)
Starting System		Electric - 12 volt DC
Fuel		Diesel Fuel No. 2 (ASTM D975)
Fuel Consumption @ Full Load	L/h (gal/h)	3.6 (0.69)
Fuel Consumption @ 3/4 Load	L/h (gal/h)	2.1 (0.55)
Fuel Consumption @ 1/2 Load	L/h (gal/h)	1.7 (0.45)
Fuel Consumption @ 1/4 Load	L/h (gal/h)	1.4 (0.38)
Fuel Tank Capacity	L (gal)	28.0 (7.4)
Continuous Operation Hours @ Full Load	h	10.0
Continuous Operation Hours @ 3/4 Load	h	13.3
Continuous Operation Hours @ 1/2 Load	h	16.5
Continuous Operation Hours @ 1/4 Load	h	20.0
Battery (Ah/5h)		12V (28 Ah)
Dimensions L x W x H	mm (in)	1066 × 618 × 698 (41.97 × 24.3 × 27.5)
Approximate Net Weight	KG (lb)	262 (577.6)
Sound Level (Full load at 23ft [7m])	dB (A)	66
Emergency Stop System		In case of abnormal: Oil pressure, water temperature, or when the access terminal cover is opened

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KEAMKT-0308