LG33P

Powered by Cummins

Model	Frequency/RPM	Standby Power	Prime Power
LG33P	50Hz/1500RPM	26.4KW	24KW
		33KVA	30KVA

* Voltages: 230/400V

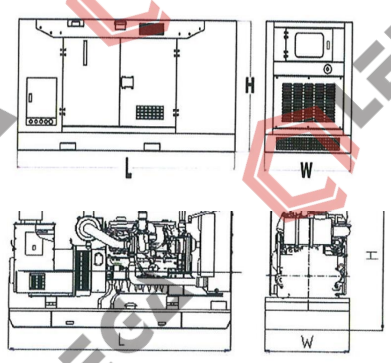
(1) Prime Power: Ratings are as per DIN 6271,BS55114 and ISO-3046 with 10% overload capacity.
(2) Standby Power: Power available at variable load for up to a max. of 500 hours during one year of which 300 hours may be for continuous use.
(3) Operation at Altitude ≤1000m, Ambient temperature ≤ 40℃).If altitude higher than 1000m, each 300m will cause additional de-rating 4%.

General Characteristics

Model	LG33P
Engine	Perkins 1103A-33G
Alternator	Stamford or Lega
Speed Control Type	Electrical
Phase	3
System Voltage	12
Frequency	50Hz
Engine Sped(RPM)	1500
Controller Model	AMF InteliLite 9 or DEEPSEA DSE6020)

Dimensions

DIMENSION	OPEN TYPE	SILENT TYPE
Length (L)	1780mm	2250mm
Width (W)	750mm	850mm
Height (H)	1480mm	1290mm
Net Weight (KG)	800KG	1000KG



Engine Specification

Brand		Perkins
Model		1103A-33G
No. of Cylinders and Cycle		3L, 4 Stroke
Compression Ratio		19.25:1
Displacement (L)		3.3
Bore x Stroke (mm)		105 x 127
Piston Speed (m/s)		6.35
Air Intake Flow (L/s)		36
Exhaust Flow (L/s)		95
Net Engine Weight (kg)		412
Starting System		Electronic
Engine Coolant Flow (L/s)		2.09
Base Output Power (kW)		28.2
Fuel Consumption (L/h)	110% load	7.9
	100% load	7.1
	75% load	5.4
	50% load	3.9

Cooling System	Thermostat adjusting temperature (℃)	82-93
	Minimum Pressure of Radiator Cap (kPA)	107
	Coolant capacity-engine only(L)	4.4
Lubricating System	Low idle (kPA)	276
	Rated speed (kPA)	470
	Max. oil temperature permitted in oil pan (℃)	125
	Lubrication system Min. capacity (L)	6.2
Exhaust System	Max. Back Pressure (kPA)	8
Electrical System	Starter (V)	12
	Battery charging system (A)	65

Alternator Specification

Poles	No.	4
(		

Insulation		Class" H"
Enclosure (according IEC-34-5)		IP23
Exciter system		P.M.G.
Voltage regulator		A.V.R. (Electronic)
Bracket type		Single bearing
Coupling system		Flexible disc
Coating type		Standard (Vacuum impregnation)

*Alternator meets BS EN 60034 and the relevant section of other international standards such as BS5000, VDE 0530, NEMA MG1-32, IEC34, CSA C22.2 and AS1359.

Options

Engine

- Jacket Water Preheater
- Oil Preheater

Generator Sets

- Tools with the machine

Fuel System

- Low fuel level alarm
- Automatic fuel feeding system
- Fuel T-valves

Control Panel

- Remote control panel
- ATS
- Remote controller
- Synchronizing controller

Alternator

- Winding temperature measuring instrument
- Alternator Preheater
- Anti-damp and anti-corrosion treatment
- Anti-condensation heater

Canopy

- Rental type canopy
- Trailer

Exhaust System

- Protection board from heat

Cooling System

- Front heat protection
- Coolant (-30℃)

Lubricating System

- With machine oil

Note: This drawing is provided for reference only and should not be used for planning installation.Contact your

Standard Controller (ComAp AMF20 or DEEPSEA DSE6020)

Auto/Start/Stop Control

Control	Engine Cool Down Timer Warm - up Timer Load Switching Timer Engine Cycle Crank
Indications	Operating Hours 3 Phase Generator Voltage Sensing & Monitoring Current Protection & Monitoring Power Measurement (kW, kVA, kVAr, kWh, kVAh, pf) Frequency Monitoring (Hz) Oil Pressure/Coolant Temperature/Fuel Level Monitoring Battery Voltage Monitoring (DC) Alarm (Acknowledge)
Warning & Shutdown Alarms	Generator Over/Under Voltage & Frequency Crank Disconnect (Failure to Start) Under/Over Speed Over Current Low oil pressure High Water Temperature Low Fuel Level Low Water Level
Features	IP 65 (if ordered with gasket) Basic Scheduler 8 - 35V DC Supply Digital Inputs(4) - Outputs(4 MPU/ 6 CAN) Event Log (5 shutdowns)

AMF InteliLite 9

DSE6020

All data is subject to change without notice.Sorry for inform.

We are always Available

Distributed By:

Fujian Everstrong Lega Power Equipments Co., Ltd
Fuqing Hong Kuan Industry Zone, Fuzhou, Fujian Province, China
Tel: +86-591-8385 3032
Fax: +86-591-8385 3130
Email: sales@legapower.com
Web: www.legapower.com