



LG2750M

Powered by Mitsubishi

Model	Frequency/RPM	Standby Power	Prime Power
LG2750M	50Hz/1500RPM	2200KW	2000KW
		2750KVA	2500KVA

* Voltage: 400/230V

Prime Power: Ratings are as per DIN 6271, BS55114 and ISO-3046 with 10% overload capacity.

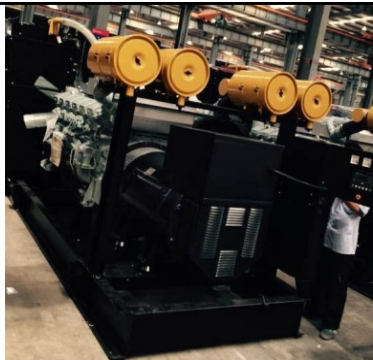
Standby Power: Power available at variable load for up to a max. of 500 hours during one year of which 300 hours may be for continuous use.

General Characteristics

Model	LG2750M
Engine	Mitsubishi S16R2-PTAW-E
Alternator	Leroysoner LSA52.3L12
Speed Control Type	Electrical
Phase	3
System Voltage	24
Controller	Deepsea DSE7320
Breaker	4000A ABB 3p
Water heater	included
Oil and coolant	filled up

Dimensions

DIMENSION		OPEN TYPE	SILENT TYPE
Length	(L)	5990mm	40ft HC container
Width	(W)	2230mm	
Height	(H)	2550mm	
Net Weight	(KG)	15000	22000
Noise 75% load 7m	(dBA)	98	70
Noise 100% load 7m	(dBA)	100	72



Engine Specification		
Brand	Mitsubishi	
Model	S16R2-PTAW-E	
No. of Cylinders and Cycle	16V, 4 Stroke	
Compression Ratio	14.0:1	
Displacement (L)	79.9	
Bore x Stroke (mm)	170 x 220	
Piston Speed (m/s)	11	
Air Intake Flow (m ³ /min)	181	
Exhaust Flow (m ³ /min)	479	
Net Engine Weight (kg)	7750	
Starting System	Electronic	
Engine Coolant Flow (L/min)	1650	
Standby Power (kWm)	2275	
Fuel Consumption(l/hr)	100%	495.4
	75% load	362.5
	50% load	247.7
	25% load	133.5

Cooling System	Thermostat adjusting temperature coolant (°C)	42-55
	Thermostat adjusting temperature cooler (°C)	71-85
	Maximum Outlet Pressure of Engine Water Pump (psi)	5
	Coolant capacity-engine only(L)	190
Fuel System	Fuel injection pump model	Mitsubishi PS8 Type × 2
	Maximum Suction Head of Feed Pump (mm Hg)	75
	Maximum Static Head of Return & Leak Pipe (mm Hg)	150
Lubricating System	Low idle (psi)	29-43
	Rated speed (MPa)	57-86
	Max. oil temperature permitted in oil pan (°C)	105
	Lubrication system capacity (L)	290
Exhaust System	Max. Back Pressure (mm H ₂ O)	600
Electrical System	Starter (V)	24
	Battery charging system (A)	35



Alternator Specification

	No.	
Poles		4
Connection type (standard)		star
Insulation		Class" H"
Enclosure (according IEC-34-5)		IP23
Exciter system		AREP+PMI
Voltage regulator		A.V.R. (Electronic)
Bracket type		single bearing
Temp. rise class		H
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°C)

Lubricating System

- With machine oil

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

