

LG2250 Powered by Cummins

Model	Frequency/RPM	Standby Power	Prime Power
LG2250P	50Hz/1500RPM	1800KW	1640KW
		2250KVA	2050KVA

* Voltages: 230/400V

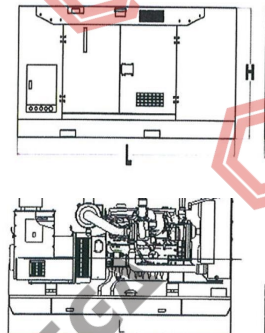
- (1) Prime Power: Ratings are as per DIN 6271, BS55114 and ISO-3046 with 10% overload capacity.
- (2) Standby Power: Power available at variable load for up to a max. of 500 hours during one year of which 300 hours may be for continuous use
- (3) Operation at Altitude $\leq 1000m$, Ambient temperature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

General Characteristics

Model	LG2250P
Engine	Perkins 4016-61TRG2
Alternator	STAMFORD
Speed Control Type	Electrical
Phase	3
System Voltage	24
Frequency	50Hz
Engine Sped(RPM)	1500
Controller Model	AMF IntelliLite 9 or DEEPSEA DSE6020)

Dimensions

DIMENSION		OPEN TYPE	SILENT TYPE
Length	(L)	6000mm	2450mm
Width	(W)	2200mm	1080mm
Height	(H)	2840mm	1865mm
Net Weight	(KG)	13100KG	1350KG



Engine Specification

Brand	Perkins	
Model	4016-61TRG2	
No. of Cylinders and Cycle	16V, 4 Stroke	
Compression Ratio	13:1	
Displacement (L)	61.123	
Bore x Stroke (mm)	160 x 190	
Piston Speed (m/s)	9.5	
Air Intake Flow (L/s)	2633.33	
Exhaust Flow (L/s)	7916.67	
Net Engine Weight (kg)	5570	
Starting System	Electronic	
Engine Coolant Flow (L/s)	23	
Base Output Power (kW)	1648	
Fuel Consumption (L/h)	110% load	477
	100% load	422
	75% load	318
	50% load	216

Cooling System	Thermostat adjusting temperature (°C)	71-85
	Minimum Pressure of Radiator Cap (kPA)	70
	Coolant capacity-engine only(L)	95
Fuel System	Fuel injection pump model	Direct i
	Maximum Fuel Inlet Temperature (°C)	58
Lubricating System	Low idle (kPA)	340
	Rated speed (kPA)	400
	Max. oil temperature permitted in oil pan (°C)	105
	Lubrication system Min. capacity (L)	157
Exhaust System	Max. Back Pressure (kPA)	4
Electrical System	Starter (V)	24
	Battery charging system (A)	55

Alternator Specification		
Poles	No. [®]	4
Connection type (standard)		Star
Insulation		Class" H"
Enclosure (according IEC-34-5)		IP23
Exciter system		[®] PMG
Voltage regulator		A.V.R. (Electronic)
Bracket type		Single bearing
Coupling system		Flexible disc
Coating type		Standard (Vacuum impregnati

*Alternator meets BS EN 60034 and the relevant section of other international standards such as BS5000, VDE 0530, NEMA MG1-32, IEC34, C: 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 instrumer
- 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 yc



Standard Controller (ComAp AMF20 or DEEPSEA DSE6020)

Control	Auto/Start/Stop Control Emergency Stop Pushbutton/ Alarm Engine Cool Down Timer Warm - up Timer Load Switching Timer Engine Cycle Crank		AMF Intelli
Indications	Operating Hours 3 Phase Generator Voltage Sensing & Monitoring Current Protection & Monitoring Power Measurement (kW, kVA, kVA _r , kWh, kVAh, pf) Frequency Monitoring (Hz) Oil Pressure/Coolant Temperature/Fuel Level Monitoring Battery Voltage Monitoring (DC) Alarm (Acknowledge)		DSE6020
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)		

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

Distributed By:



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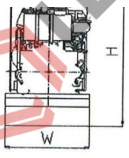
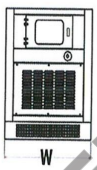
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