

# LG400P Powered by Cummins

Model	Frequency/RPM	Standby Power	Prime Power
LG440P	50Hz/1500RPM	320KW	280KW
		400KVA	350KVA

\* Voltages: 230/400V

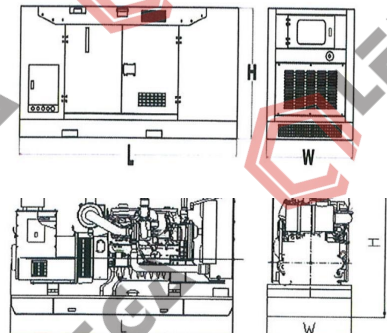
- (1) Prime Power: Ratings are as per DIN 6271, BS55114 and ISO-3046 with 10% overload capacity.
- (2) Standby Power: Power available at variable load for up to a max. of 500 hours during one year of which 300 hours may be for continuous use.
- (3) Operation at Altitude  $\leq$  1000m, Ambient temperature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

## General Characteristics

Model	LG450P
Engine	Perkins 2206C-E13TAG2
Alternator	Stamford or Lega
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)	3200mm	4350mm
Width (W)	1150mm	1400mm
Height (H)	2010mm	2260mm
Net Weight (KG)	3100KG	4250KG





Engine Specification		
Brand	Perkins	
Model	2206C-E13TAG2	
No. of Cylinders and Cycle	6L, 4 Stroke	
Compression Ratio	16.3:1	
Displacement (L)	12.5	
Bore x Stroke (mm)	130 x 157	
Net Engine Weight (kg)	1478	
Starting System	Electronic	
Base Output Power (kW)	324	
Fuel Consumption (L/h)	110% load	82
	100% load	75
	75% load	58
	50% load	40
Electrical System	Starter (V)	24
	Battery charging system (A)	70



Alternator Specification		
Poles	No.	4
Connection type (standard)	VOLTAGE SERIES STAR	
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	Alternator
-	-

- 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

- 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



### Standard Controller (ComAp AMF20 or DEEPSEA DSE6020)

Control	<ul style="list-style-type: none"> <li>Auto/Start/Stop Control</li> <li>Emergency Stop Pushbutton/ Alarm</li> <li>Engine Cool Down Timer</li> <li>Warm - up Timer</li> <li>Load Switching Timer</li> <li>Engine Cycle Crank</li> </ul>
Indications	<ul style="list-style-type: none"> <li>Operating Hours</li> <li>3 Phase Generator Voltage Sensing &amp; Monitoring</li> <li>Current Protection &amp; Monitoring</li> <li>Power Measurement (kW, kVA, kVAr, kWh, kVAh, pf)</li> <li>Frequency Monitoring (Hz)</li> <li>Oil Pressure/Coolant Temperature/Fuel Level Monitoring</li> <li>Battery Voltage Monitoring (DC)</li> <li>Alarm (Acknowledge)</li> <li>Generator Over/Under Voltage &amp; Frequency</li> <li>Crank Disconnect (Failure to Start)</li> <li>Under/Over Speed</li> </ul>



AMF IntelliLite 9



Shutdown Alarms Low oil pressure  
High Water Temperature  
Low Fuel Level  
Low Water Level

DSE6020

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.



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**Available**

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