



LG440P Powered by Perkins

Model	Frequency/RPM	Standby Power	Prime Power
LG440P	60Hz/1800RPM	352KW	320KW
		440KVA	400KVA

* Voltages: 254/440V

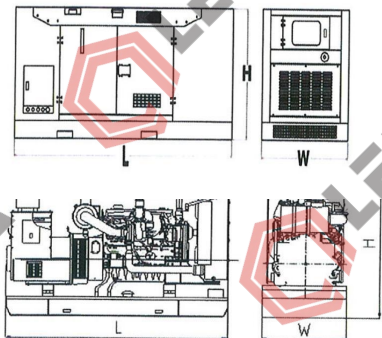
- (1) Prime Power: Ratings are as per DIN 6271, BS55114 and ISO-3046 with 10% overload capacity.
- (2) Standby Power: Power available at variable load for up to a max. of 500 hours during one year of which 300 hours may be for continuous use.
- (3) Operation at Altitude \leq 1000m, Ambient temperature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

General Characteristics

Model	LG440P
Engine	Perkins 2206C-E13TAG2
Alternator	Stamford or Lega
Speed Control Type	Electrical
Phase	3
System Voltage	24
Frequency	60Hz
Engine Speed(RPM)	1800

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	
Air Intake Flow (m³/min)	28.1	
Exhaust Flow (m³/min)	68.3	
Net Engine Weight (kg)	1478	
Starting System	Electronic	
Base Output Power (kW)	373.4	
Fuel Consumption (L/h)	110% load	90
	100% load	84
	75% load	65
	50% load	46

	Minimum Pressure of Radiator Cap (kPa)	70
	Coolant capacity-engine only(L)	
	Maximum Restriction at Lift Pump (kPa)	621
	Maximum Fuel Inlet Temperature (°C)	79
	Max. oil temperature permitted in oil pan (°C)	113
	Lubrication system Min. capacity (L)	32.5
Exhaust System	Max. Back Pressure (kPa)	10
Electrical System	Starter (V)	24
	Battery charging system (A)	70



Alternator Specification

Poles	No.	4
Connection type (standard)		Series Star
Insulation		Class" H"
Enclosure (according IEC-34-5)		IP23
Exciter system		Self-excited
Voltage regulator		A.V.R. (Electronic)
Product 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°C)

Lubricating System

- With machine oil

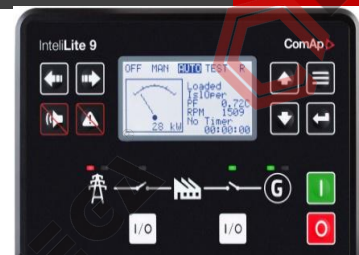
Note: This drawing is provided for reference only and should not be used for planning installation. Contact your




Standard Controller (ComAp AMF20 or DEEPSEA DSE6020)

Control

- Auto/Start/Stop Control
- Emergency Stop Pushbutton/ Alarm
- Engine Cool Down Timer
- Warm-up Timer
- Load Switching Timer
- Engine Cycle Crank
- Operating Hours



Indications	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)	AMF IntelliLite 9
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	 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.



Distributed By:



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