

LG220P Powered by Cummins

Model	Frequency/RPM	Standby Power	Prime Power
LG220P	50Hz/1500RPM	176KW	160KW
		220KVA	200KVA

* Voltages: 230/400V

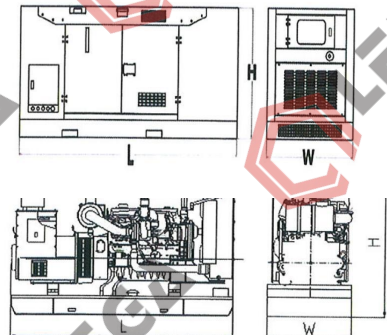
- (1) Prime Power: Ratings are as per DIN 6271, BS55114 and ISO-3046 with 10% overload capacity.
- (2) Standby Power: Power available at variable load for up to a max. of 500 hours during one year of which 300 hours may be for continuous use.
- (3) Operation at Altitude \leq 1000m, Ambient temperature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

General Characteristics

Model	LG220P
Engine	Perkins 1206A-E70TTAG1
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 DEEPPSEA DSE6020)

Dimensions

DIMENSION	OPEN TYPE	SILENT TYPE
Length (L)	2670mm	3700mm
Width (W)	1030mm	1280mm
Height (H)	1760mm	2120mm
Net Weight (KG)	2100KG	3180kg





Engine Specification

Brand	Perkins	
Model	1206A-E70TTAG1	
No. of Cylinders and Cycle	6L, 4 Stroke	
Compression Ratio	15.8:1	
Displacement (L)	7.01	
Bore x Stroke (mm)	105 x 135	
Base Output Power (kW)	185	
Fuel Consumption (L/h)	110% load	51
	100% load	45.8
	75% load	34.7
	50% load	23.5



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

- Jacket Water Preheater
- Oil Preheater

Alternator

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

- 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

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 DEESEA DSE6020)

Control	<ul style="list-style-type: none"> Auto/Start/Stop Control Emergency Stop Pushbutton/ Alarm Engine Cool Down Timer Warm - up Timer Load Switching Timer Engine Cycle Crank
Indications	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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



AMF IntelliLite 9



DSE6020

Features 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.



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