



LG16P

Powered by Perkins

Model	Frequency/RPM	Standby Power	Prime Power
LG16P	60Hz/1800RPM	13KW	12KW
		16.25KVA	15KVA

* Voltages: 254/440V

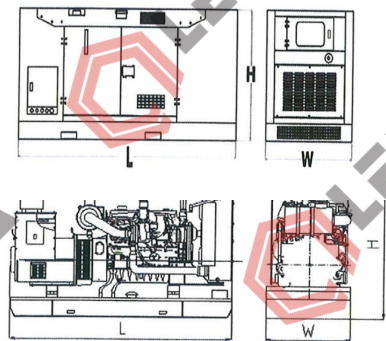
- (1) Prime Power: Ratings are as per DIN 6271, BS55114 and ISO-3046 with 10% overload capacity.
- (2) Standby Power: Power available at variable load for up to a max. of 500 hours during one year of which 300 hours may be for continuous use.
- (3) Operation at Altitude \leq 1000m, Ambient temperature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

General Characteristics

Model	LG16P
Engine	Perkins 403D-15G
Alternator	Stamford or Lega
Speed Control Type	Electrical
Phase	3
System Voltage	12
Frequency	60Hz
Engine Speed(RPM)	1800

Dimensions

DIMENSION	OPEN TYPE	SILENT TYPE
Length (L)	1550mm	2000mm
Width (W)	730mm	730mm
Height (H)	1300mm	1140mm
Net Weight (KG)	530kg	640kg



Engine Specification		
Brand	Perkins	
Model	403D-11G	
No. of Cylinders and Cycle	3L, 4 Stroke	
Compression Ratio	22.5:1	
Displacement (L)	1.496	
Bore x Stroke (mm)	84x 90	
Air Intake Flow (m³/min)	1.23	
Exhaust Flow (m³/min)	3.14	
Net Engine Weight (kg)	197	
Starting System	Electronic	
Engine Coolant Flow (L/min)	45.4	
	110% load	4.9
Fuel Consumption (L/h)	100% load	4.4
	75% load	3.4
	50% load	2.5

	Minimum Pressure of Radiator Cap (kPa)	90
	Coolant capacity-engine only(L)	2.6
Fuel System	Fuel injection pump model	Cassette
	Maximum Restriction at Lift Pump (kPa)	10
	Max. oil temperature permitted in oil pan (°C)	125
	Lubrication system Min. capacity (L)	4.5
Exhaust System	Max. Back Pressure (kPa)	10.2
Electrical System	Starter (V)	12
	Battery charging system (A)	65



Connection type (standard)	Series Star
Insulation	Class" H"
Enclosure (according IEC 34-5)	IP22

Exciter system		Self-excited
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 BS6000, VDE 0530, NEMA MG1-32, IEC34, CSA C22.2 and AS1350

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

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



Indications	<p>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)</p>	 AMF IntelliLite 9
Warning & Shutdown Alarms	<p>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</p>	 DSE6020
Features	<p>IP 65 (if ordered with gasket) Basic Scheduler 8 - 35V DC Supply Digital Inputs(4) - Outputs(4 MPU/ 6 CAN) Event Log (5 shutdowns)</p>	

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



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