LG11P

Powered by Perkins

Model	Frequency/RPM	Standby Power	Prime Power
LG11P	60Hz/1800RPM	8.8KW	8KW
		11KVA	10KVA

* Voltages: 254/440V

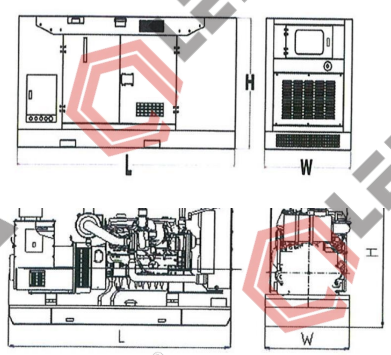
(1) Prime Power: Ratings are as per DIN 6271,BS55114 and ISO-3046 with 10% overload capacity.
(2) Standby Power: Power available at variable load for up to a max. of 500 hours during one year of which 300 hours may be for continuous use.
(3) Operation at Altitude ≤1000m, Ambient temperature ≤ 40℃).If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

General Characteristics

Model	LG11P
Engine	Perkins 403D-11G
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	1900mm
Width (W)	730mm	730mm
Height (H)	1300mm	1140mm
Net Weight (KG)	440KG	550KG



Engine Specification		
Brand		Perkins
Model		403D-11G
No. of Cylinders and Cycle		3L, 4 Stroke
Compression Ratio		23:01
Displacement (L)		1.131
Bore x Stroke (mm)		77x 81
Air Intake Flow (m³/min)		0.9
Exhaust Flow (m³/min)		2.21
Net Engine Weight (kg)		129.2
Starting System		Electronic
Engine Coolant Flow (L/min)		32.5
Fuel Consumption (L/h)	110% load	3.6
	100% load	3
	75% load	2.3
	50% load	1.7

Fuel System	Minimum Pressure of Radiator Cap (kPA)	90
	Coolant capacity-engine only(L)	1.9
	Fuel injection pump model	Cassette
	Maximum Restriction at Lift Pump (kPa)	10
	Max. oil temperature permitted in oil pan (℃)	125
	Lubrication system Min. capacity (L)	3.4
Exhaust System	Max. Back Pressure (kPA)	10.2
Electrical System	Starter (V)	12
	Battery charging system (A)	15

Connection type (standard)		Series Star
Insulation		Class" H"
Enclosure (according IEC 34-5)		IP23

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 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

Exhaust System

- Protection board from heat

Cooling System

- Front heat protection
- Coolant (-30℃)

Lubricating System

- With machine oil

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

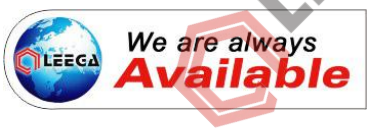
Standard Controller (ComAp AMF20 or DEEPSEA DSE6020)

Control

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

Indications	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)	 AMF InteliLite 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.



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