LG385P Powered by Perkins

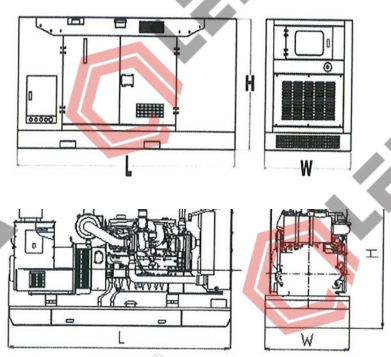
Model	Frequency/RPM	Standby Power	Prime Power
LG385P	60Hz/1800RPM	308KW	280KW
		385KVA	350KVA

* 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	LG385P
Engine	Perkins 1506A-E88TAG5
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)	2670mm	4000mm
Width (W)	1030mm	1400mm
Height (H)	1760mm	2200mm
Net Weight (KG)	2100KG	3900KG



Engine Specification

Brand		Perkins
Model		1506A-E88TAG5
No. of Cylinders and Cycle		6L, 4 Stroke
Compression Ratio		16.1:1
Displacement (L)		8.8
Bore x Stroke (mm)		112 x 149
Piston Speed (m/s)		8.9
Air Intake Flow (m³/min)		23.6
Exhaust Flow (m³/min)		59.6
Net Engine Weight (kg)		1183
Starting System		Electronic
Engine Coolant Flow (L/min)		190
Base Output Power (kW)		339
Fuel Consumption (L/h)	110% load	85.7
	100% load	77.1
	75% load	56.8
	50% load	38.9

	Minimum Pressure of Radiator Cap (kPA)	110
	Coolant capacity-engine only(L)	13.9
	Maximum Restriction at Lift Pump (kPa)	655
	Maximum Fuel Inlet Temperature (℃)	79
	Max. oil temperature permitted in oil pan (℃)	120
	Lubrication system Min. capacity (L)	36
Exhaust System	Max. Back Pressure (kPA)	10
Electrical System	Starter (V)	24
	Battery charging system (A)	45

LEEGA®

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)
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
- Trailer

Exhaust System

- Protection board from heat

Cooling System

- Front heat protection
- Coolant (-30℃)

Lubricating System

- With machine oil

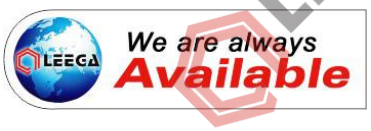
Note: This drawing is provided for reference only and should not be used for planning installation.Contact your

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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