

LG200D[™] Powered by DOOSAN

Model	Frequency/RPM	Standby Power	Prime Power
LG200DY	60Hz/1800RPM	160KW	145KW
		200KVA	181KVA

* Voltages : 440/254

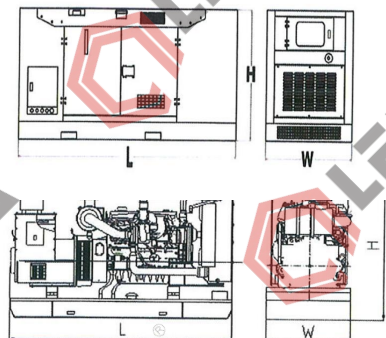
- (1) Prime Power: Ratings are as per DIN 6271, BS55114 and ISO-3046 with 10% overload capacity.
- (2) Standby Power: Power available at variable load for up to a max. of 500 hours during one year of which 300 hours may be for continuous use.
- (3) Operation at Altitude \leq 1000m, Ambient temperature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

General Characteristics

Model	LG200DY
Engine	DOOSAN DP086TA
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)	2650mm	3600mm
Width (W)	1030mm	1080mm
Height (H)	1870mm	2150mm
Net Weight (KG)	1760kg	2390kg



Engine Specification		
Brand	DOOSAN	
Model	DP086TA	
No. of Cylinders and Cycle	6L, 4 Stroke	
Compression Ratio	16.7:1	
Displacement (L)	8.071	
Bore x Stroke (mm)	111 x 139	
Piston Speed (m/s)	8.34	
Air Intake Flow (m ³ /min)	20.19	
Exhaust Flow (m ³ /min)	40.9	
Net Engine Weight (kg)	790	
Starting System	Electronic	
Engine Coolant Flow (L/min)	166	
	100% load	41.3
Fuel Consumption (L/h)	75% load	30.3
	50% load	21
	25% load	11.5

	Coolant capacity-engine only(L)	14
Fuel System	Fuel injection pump model	WUXI WEIFU HIGH TECH
	Maximum Restriction at Lift Pump (kPa)	10
	Total Drain Flow (constant for all loads) (L/h)	175
	Low idle (kPA)	100
Lubricating System	Rated speed (kPA)	250
	Max. oil temperature permitted in oil pan (°C)	120
	Lubrication system Min. capacity (L)	12
	Exhaust System	Max. Back Pressure (kPA)
Electrical System	Starter (V)	24
	Battery charging system (A)	45



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 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)

Auto/Start/Stop Control

Control	Engine Cool Down Timer Warm - up Timer Load Switching Timer Engine Cycle Crank Operating Hours 3 Phase Generator Voltage Sensing & Monitoring Current Protection & Monitoring Power Measurement (kW, kVA, kVA _r , kWh, kVAh, pf) Frequency Monitoring (Hz) Oil Pressure/Coolant Temperature/Fuel Level Monitoring Battery Voltage Monitoring (DC) Alarm (Acknowledge)
Indications	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
Warning & Shutdown Alarms	
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)



AMF IntelliLite 9



DSE6020

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



We are always Available

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