



GLLG-53-I

Powered by FAW

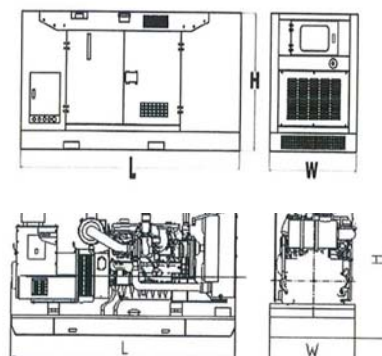
Model	Frequency/RPM	Standby Power	Prime Power
GLLG-53-I	60Hz/1800RPM	52.8KW	48KW
		66KVA	60KVA

* Voltages: 220/127V

- (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 $\leq 1000\text{m}$, Ambient temperature $\leq 40^\circ\text{C}$. If altitude higher than 1000m, each 300m will cause additional de-rating 4%.

General Characteristics	
Model	GXLS-53-I
Engine	FAW 4DX23-82D
Alternator	Leega
Speed Control Type	mechanical
Phase	3
System Voltage	12
Frequency	60Hz
Engine Sped(RPM)	1800
Controller Model	AMF InteliLite 9 or DEEPSEA DSE6020

Dimensions		
DIMENSION	OPEN TYPE	SILENT TYPE
Length (L)	1980mm	2550mm
Width (W)	750mm	850mm
Height (H)	1480mm	1290mm
Net Weight (KG)	960KG	1380KG



Engine Specification

Brand	FAW
Model	4DX23-82D
No. of Cylinders and Cycle	3L, 4 Stroke
Compression Ratio	17 : 1
Displacement (L)	3,86
Bore x Stroke (mm)	102 x 118
Air intake type	Turbo&intercooling
Rated power(without fan)(kW)	60
Standby power(without fan)(kW)	66
Fan consumption(kW)	3
Starting System	Electronic
Fuel consumption(g/kWh)	215
Oil consumption(L/h)	0,05
Oil capacity including filter(L)	13
Emission compliant	stage 2
The flywheel shell interface	SAE3 Flywheel for 11.5"flexible coupling
27°C air consumption(m3/min)	4,5
Heat rejection of exhaust(kW)	47
Exhaust gas temperature after turbine(°C)	500
Exhaust gas flow(m3/min)	13
Heat rejection from engine(kW)	9,2
Heat rejection of coolant(kW)	36

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

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°C)

Lubricating System

- With machine oil



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	
	Engine Cycle Crank	
Indications	Operating Hours	AMF IntelliLite 9
	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)	
Warning & Shutdown Alarms	Generator Over/Under Voltage & Frequency	DSE6020
	Crank Disconnect (Failure to Start)	
	Under/Over Speed	
	Over Current	
	Low oil pressure	
	High Water Temperature	
	Low Fuel Level	
	Low Water Level	
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)	