

Diesel Generator 60 KVA



Product Code: FBG50GF-LDE3
Barcode:



60kva Diesel Generator

Whether your needs are convenience, an essential business tool, or power backup system; getting the right generator for your needs is important.

This alternative power source was designed to provide prime and continuous power supplies either as a primary source of power for recreational activities or work site contractors, or as backup power for households or small businesses.

Features

- Dual oil pressure protection
- Dual over heat protection
- Over/under speed protection
- Fuel level gauge
- Overload warning at 110%
- Overload 1 hour shutdown at 110%
- Over/undervoltage shutdown protection
- Low battery voltage warning
- Battery over voltage warning
- 1 year warranty or 1000hrs

TECHNICAL INFORMATION

SPECIFICATIONS

Genset Data	
Genset model	FBG50GF-LDE3
Frequency	50HZ
Voltage	400V
Phase No.	3
Noise Level	95dba @ 7 meters
Engine data	
	4105ZD (Ricardo Technology)
Number of cylinders	4 in line
Diesel Engine Characters	Direct Injection 4-Stroke
Aspiration Mode	Turbo charged
Bore Stroke	105×135 (mm)
Displacement	4,33L
Compression ratio	16:1
Lube Capacity	12L
Electrical System	24 V
Prime power	55kva
Standby power	60kva
Governor type	Mechanical Governor <5%
Speed	1500rpm
Fuel tank Vol.	162L
Oil capacity	15L including pipes, filters etc.
Coolant capacity	engine only 8.5L engine+radiator 16.5L
Fuel Consump.	11.84 l/h (100%load)
Cooling	Water cooled, forced circulation
Running Time	12 hours per tank
Alternator	
Model	WT-224E (Stamford Technology)
Capacity	62KVA
Generator Current	72 AMPS
Power factor	0,8
Bearing number	1
Voltage	400V / 230V
AVR Voltage accuracy	≤1.5%
Frequency	50HZ
Insulation class	H
Protection rate	IP22
Excitation system	Brushless, self-exciting
Connection type	Y-type connection
Information centre	
Controller:	SMARTGEN HGM6120UC
Fault	Event
Oil Pressure	Kpa
Water Temperature	Deg. C
Fuel level	%
Load	KW
Kilowatt hours	KVA
Hour meter	Hrs
Optional	
SMS/GSM Messaging service	

PACKAGING DIMENSIONS

Product	Package Weight (kg)	Height (mm)	Width (mm)	Depth (mm)
Generator	1270	1250	2600	1000