

Diesel Generator 100 KVA



Product Code: FBG100GF-LDE3
Barcode:



100KVA 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
- Overload warning at 110%
- Overload 1 hour shutdown at 110%
- Over/undervoltage shutdown protection
- Low battery voltage warning
- Battery over voltage cut out
- 1 year warranty or 1000hrs

TECHNICAL INFORMATION

SPECIFICATIONS

| Genset Data | |
|---------------------------|--|
| Genset model | FBG100GF-LDE3 |
| Frequency | 50HZ |
| Voltage | 400V |
| Phase No. | 3 |
| Noise Level | 95dba @ 7 meters |
| Engine data | |
| | 6105AZLD (Ricardo Technology) |
| Number of cylinders | 6 in-line |
| Diesel Engine Characters | Direct injection, 4-Stroke. |
| Aspiration Mode | Turbo charged (intercooled) |
| Bore Stroke | 105×130 (mm) |
| Displacement | 6.75L |
| Compression ratio | 16:1 |
| Lube Capacity | 12L |
| Electrical System | 24 Volt |
| Prime power | 100kva |
| Standby power | 110kva |
| Governor type | Mechanical Governor <5% |
| Speed | 1500rpm |
| Fuel tank Vol. | 291L |
| Oil capacity | 18L including pipes, filters etc. |
| Coolant capacity | engine only 11L engine+radiator 22L |
| Fuel Consumption | 21. l/h (100%load) |
| Cooling | Water cooled, forced circulation |
| Running Time | 14 hours per tank |
| Alternator | |
| | STAMFORD TECHNOLOGY |
| Capacity | 100KVA |
| Generator Current | 142 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 | |
| | Unit display |
| Controller: | SMARTGEN HGM6120UC |
| Event | Event |
| Oil Pressure | Kpa |
| Water Temperature | Deg. C |
| Fuel level | % |
| Load | KW |
| Kilowatt hours | Kwh |
| Hour meter | Hrs |
| Optional | |
| SMS/GSM Messaging service | |

PACKAGING DIMENSIONS

| Product | Package Weight (kg) | Height (mm) | Width (mm) | Depth (mm) |
|-----------|---------------------|-------------|------------|------------|
| Generator | 1660 | 1590 | 3000 | 1100 |