



## Genset

Model	JHK-125GF
Voltage	277/480V
Frequency&Speed	60HZ;1800RPM
Prime Power	100kW/125kVA
Standby Power	110kW/138kVA

Compression Ratio:	17.3:1
Bore:	102mm
Stroke:	120mm
Emission Certification:	MEP STAGE I
Governor Regulation:	≅ 3%

➤ **Engine: Cummins 6BT5.9-G2(B)**

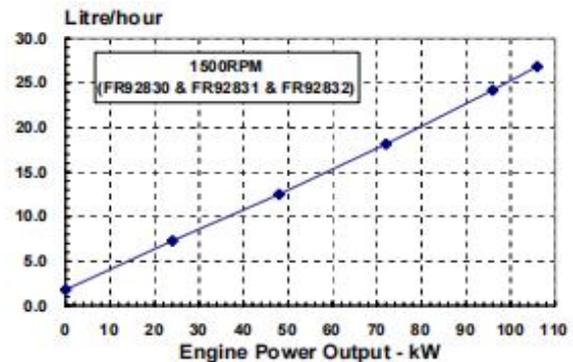
➤ **Alternator: Stamford/Leroy Somer**  
**/Hengsheng**

➤ **Controller: DeepSea/SmartGen**  
**/DEIF/ComAp**

Aspiration:	Turbocharged
Displacement	5.9L
No. of Cylinders	6
Fuel System	FR92830:BYC PB/GAC 24V FR92831:BYC PB/GAC 12V FR92832:BYC PB/FORTTRUST

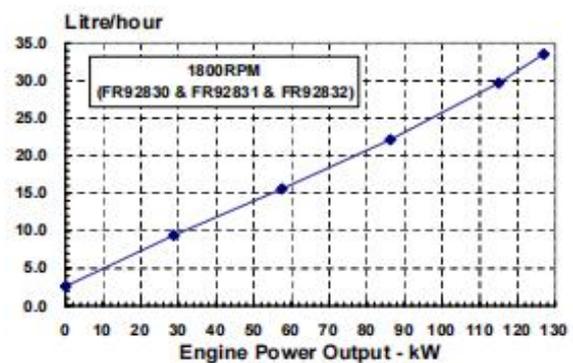
### Engine Performance Data @ 1500 RPM

OUTPUT POWER			FUEL CONSUMPTION	
%	kW	HP	g/kW.h	L/h
<b>STANDBY POWER</b>				
100	106	142	209	26.9
<b>PRIME POWER</b>				
100	96	129	208	24.2
75	72	96	208	18.2
50	48	64	215	12.5
25	24	32	250	7.3
<b>CONTINUOUS POWER</b>				
TBD	TBD	TBD	TBD	TBD



### Engine Performance Data @ 1800 RPM

OUTPUT POWER			FUEL CONSUMPTION	
%	kW	HP	g/kW.h	L/h
<b>STANDBY POWER</b>				
100	127	170	218	33.6
<b>PRIME POWER</b>				
100	115	154	213	29.7
75	86	116	212	22.2
50	58	77	224	15.6
25	29	39	270	9.4
<b>CONTINUOUS POWER</b>				
TBD	TBD	TBD	TBD	TBD



## Alternator

Pole No.	4-Pole
Exciter Type	Single bearing, Brushless, Self-excited
Power factor	0.8
Voltage adjust range	≅ 5%
Insulation Grade	H
Protection Grade	IP23/22
Phase / wire	3 phase 4 wires

- ✧ NEMAMG1.JIANGHAO,and ANSI standards compliance for temperature rise and motor starting.
- ✧ Sustained short-circuit current of up to 300% of the rated current for up to 10 seconds.
- ✧ Sustained short-circuit current enabling down stream circuit breakers to trip without collapsing the generator field.
- ✧ Self-ventilated and drip-proof construction.
- ✧ Superior voltage waveform from two-thirds pitch windings and skewed stator.
- ✧ Digital solid-state.volts-per-hertz voltage regulator with +1% no-load to full-load regulation.

## Control Panel



### The control module gives digital readouts of:

Generator voltage;  
Output frequency;  
Engine speed;  
Battery voltage;  
Engine hours run.

The **control panel** is an Digital Control Module suitable for a wide variety of single, diesel or gas, gen-set applications.

Monitoring an extensive number of engine parameters, the module will display warnings, shutdown and engine status information on the back-lit LCD screen and illuminated LEDs.

### The control module has indicators for failure information:

Over speed/Low speed,  
Emergency stop  
Low oil pressure;  
High water temperature  
Failure to start  
Battery charger failure



Dimension:2150\*800\*1450mm  
Weight:1100kg



Dimension:3000\*1100\*1700mm  
Weight:2000kg  
Fuel Tank Capacity:280L

### Automatic shutdown occurs under:

Low engine oil pressure;  
High engine water temperature;  
Over speed/Low speed;  
Failure to start after three attempts.

### Electrical system

- Maintenance-free and anti-explosion battery
- Standard breaker
- ABB breaker (optional)
- ATS (optional)
- Battery charger (optional)
- GMS monitoring (optional)

### Packing

- Wrapping film packaging
- Tray packaging
- plywood box packaging

## Jiangsu Jianghao Generator Co.,Ltd

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