



➤ **Engine: Cummins 4BTA3.9-G2**

➤ **Alternator: Stamford/Leroy**

Somer/Hengsheng

➤ **Controller: DeepSea/SmartGen/**

DEIF/ComAp

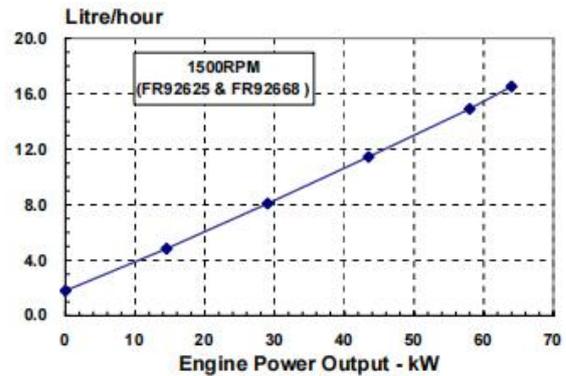
Genset	
Model	JHK5-65GF
Voltage	230/400V
Frequency&Speed	50HZ;1500RPM
Prime Power	52kW/65kVA
Standby Power	56kW/70kVA

Compression Ratio: 17.3:1
 Bore 102mm
 Stroke 120mm
 Emission Certification MEP STAGE 1
 Governor Regulation: $\leq 5\%$

Aspiration: Turbocharger&Aftercooler
 Displacement 3.9L
 No.of Cylinders 4
 Fuel System FR92625:BYC PB /GAC 24V
 FR92668:BYC PB /GAC 12V

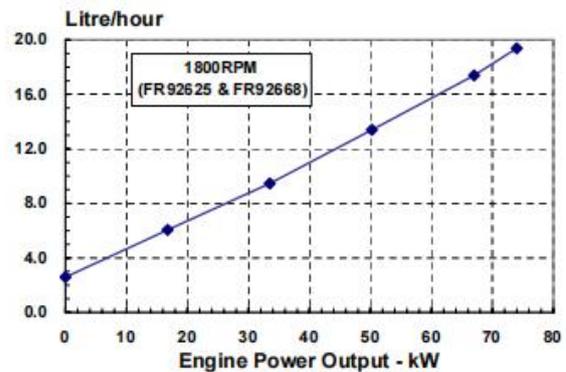
Engine Performance Data @ 1500 RPM

OUTPUT POWER			FUEL CONSUMPTION	
%	kW	HP	g/kW.h	L/h
STANDBY POWER				
100	64	86	213	17
PRIME POWER				
100	58	78	212	15
75	44	58	217	11
50	29	39	230	8
25	15	19	275	5
CONTINUOUS POWER				
TBD	TBD	TBD	TBD	TBD



Engine Performance Data @ 1800 RPM

OUTPUT POWER			FUEL CONSUMPTION	
%	kW	HP	g/kW.h	L/h
STANDBY POWER				
100	74	99	216	19
PRIME POWER				
100	67	90	214	17
75	50	67	220	13
50	34	45	233	9
25	17	22	298	6
CONTINUOUS POWER				
TBD	TBD	TBD	TBD	TBD



Alternator

Pole No. 4-Pole
 Exciter Type Single bearing, Brushless, Self-excited
 Power factor 0.8
 Voltage adjust range $\leq 5\%$
 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 dripproof 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:1850*800*1300mm
Weight:920kg

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)



Dimension:2400*1000*1550mm
Weight:1520kg
Fuel Tank Capacity:240L

Packing

- Wrapping film packaging
- Tray packaging
- plywood box packaging

Jiangsu Jianghao Generator Co.,Ltd

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