



## 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:  $\leq 5\%$

### 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

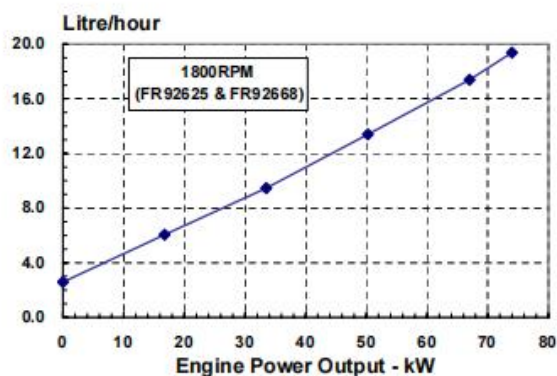
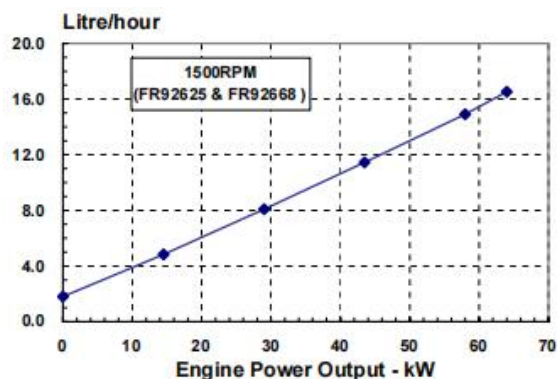
➤ Engine: Cummins 4BTA3.9-G2

➤ Alternator: Stamford/Leroy

Somer/Hengsheng

➤ Controller: DeepSea/SmartGen/  
DEIF/ComAp

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



- ✧ 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: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)

## Packing

- Wrapping film packaging
- Tray packaging
- plywood box packaging



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

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