



➤ **Engine: Cummins 6LTAA8.9-G2**

➤ **Alternator: Stamford/Leroy**

**Somer/Hengsheng**

➤ **Controller: DeepSea/SmartGen/**

**DEIF/ComAp**

## Genset

Model	JHK5-250GF
Voltage	230/400V
Frequency&Speed	50HZ;1500RPM
Prime Power	200kW/250kVA
Standby Power	211kW/264kVA

Compression Ratio: 16.6:1

Bore: 114mm

Stroke: 145mm

Emission Certification: China II

Governor Regulation:  $\leq 3\%$

Aspiration: Turbocharged&Charge Air Cooled

Displacement 8.9L

No. of Cylinders 6

Fuel System FR92516:BYC P7100 /GAC

FR92516:BYC P7100/SEGMA

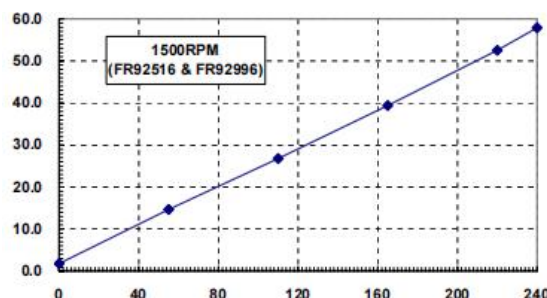
### Engine Performance Data @1500RPM

OUTPUT POWER			FUEL CONSUMPTION	
%	kW	HP	g/kW.h	L/h
STANDBY POWER				
100	240	322	199	58
PRIME POWER				
100	220	295	197	53
75	165	221	197	39
50	110	147	201	27
25	55	74	196	15
CONTINUOUS POWER				
100	180	241	196	43

### Engine Performance Data @1800RPM

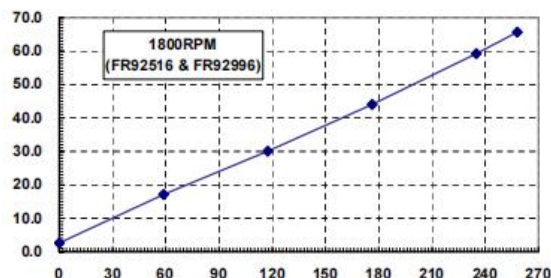
OUTPUT POWER			FUEL CONSUMPTION	
%	kW	HP	g/kW.h	L/h
STANDBY POWER				
100	258	346	210	66
PRIME POWER				
100	235	315	208	59
75	176	236	206	44
50	118	157	211	30
25	59	79	240	17
CONTINUOUS POWER				
100	190	255	206	47

Liter/hour



Engine Power Output-kW

Liter/hour



## 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 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:2600\*1050\*1700mm  
Weight:2000kg



Dimension:3300\*1300\*1800mm  
Weight:3050kg  
Fuel Tank Capacity:360L

**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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