



➤ **Engine: Cummins 6BT5.9-G2**

➤ **Alternator: Stamford/Leroy**

Somer/Hengsheng

➤ **Controller: DeepSea/SmartGen/**

DEIF/ComAp

Genset

Model	JHK-105GF
Voltage	277/480V
Frequency&Speed	60HZ;1800RPM
Prime Power	84kW/105kVA
Standby Power	92kW/115kVA

Compression Ratio: 17.3:1

Bore: 102mm

Stroke: 120mm

Emission Certification:

Governor Regulation: $\leq 5\%$

Aspiration: Turbocharged

Displacement 5.9L

No. of Cylinders 6

Fuel System BYC A /

Electronic Governor

Engine Performance Data @1500RPM

OUTPUT POWER			FUEL CONSUMPTION	
%	kW	HP	g/kW.h	L/h
STANDBY POWER				
100	92	123	212	23.6
PRIME POWER				
100	86	115	214	22.3
75	64.5	86	216	16.9
50	43	57	217	11.3
25	21.5	29	248	6.5
CONTINUOUS POWER				

Engine Performance Data @1800RPM

OUTPUT POWER			FUEL CONSUMPTION	
%	kW	HP	g/kW.h	L/h
STANDBY POWER				
100	110	147	235	31.3
PRIME POWER				
100	100	133	235	28.5
75	75	100	228	20.7
50	50	67	238	14.4
25	25	33	297	9.0
CONTINUOUS POWER				

Alternator

Pole No. 4-Pole

Exciter Type Single bearing, Brushless,
Self-excited

Power factor 0.8

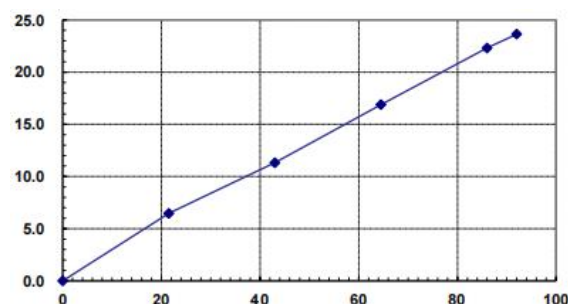
Voltage adjust range $\leq 5\%$

Insulation Grade H

Protection Grade IP23/22

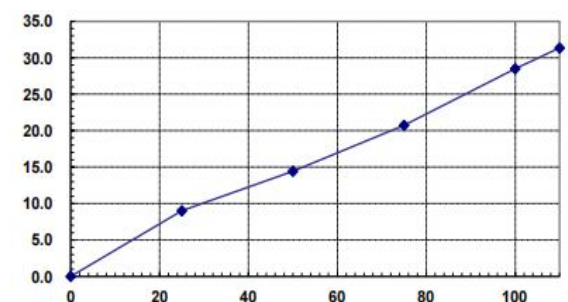
Phase / wire 3 phase 4 wires

Liter/hour



Engine Power Output-kW

Liter/hour



- ✧ 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

Address: No.1 Xixu Road, Medical High-tech Zone,
Taizhou city, Jiangsu, China

Contact Person: Anthony Feng

Email: jhfsale@jhgenerator.com

WhatsApp: +86 18652649673

