



Genset

Model	JHK5-20GF
Voltage	230/400V
Frequency&Speed	50HZ;1500RPM
Prime Power	17kW/20kVA
Standby Power	19kW/24kVA

Compression Ratio: 18.0:1
Bore 102mm
Stroke 120mm
Governor Regulation: $\leq 6\%$

Aspiration: Naturally Aspirated
Displacement 3.9L
No. of Cylinders 4
Fuel System WF A/RSV

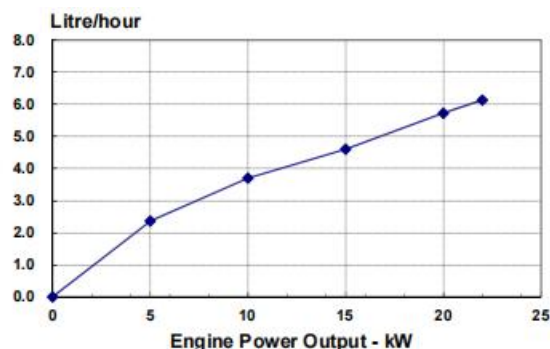
➤ Engine: Cummins 4B3.9-G11

➤ Alternator: Stamford/Leroy
Somer/Hengsheng

➤ Controller: DeepSea/SmartGen/
DEIF/ComAp

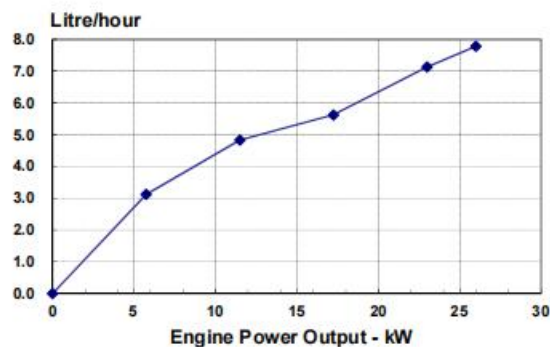
Engine Performance Data @ 1500 RPM

OUTPUT POWER			FUEL CONSUMPTION	
%	kW	HP	g/kW.h	L/h
STANDBY POWER				
100	22	29	230	6.1
PRIME POWER				
100	20	27	236	5.7
75	15	20	253	4.6
50	10	14	305	3.7
25	5	7	390	2.4
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	26	35	247	7.8
PRIME POWER				
100	23	31	256	7.1
75	17	23	273	5.6
50	12	16	332	4.8
25	6	8	430	3.1
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 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:1650*800*1250mm
Weight:700kg



Dimension:2400*1000*1550mm
Weight:1300kg
Fuel Tank Capacity:240L

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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