



Genset

| | |
|-----------------|--------------|
| Model | JHK5-150GF |
| Voltage | 230/400V |
| Frequency&Speed | 50HZ;1500RPM |
| Prime Power | 120kW/150kVA |
| Standby Power | 132kW/165kVA |

Compression Ratio: 17.3:1

Bore 102mm

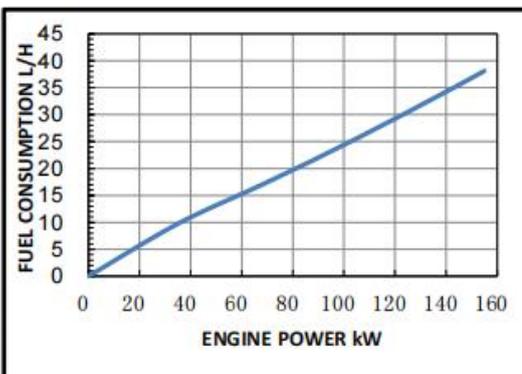
Stroke 120mm

Emission Certification:

Governor Regulation: $\cong 5\%$

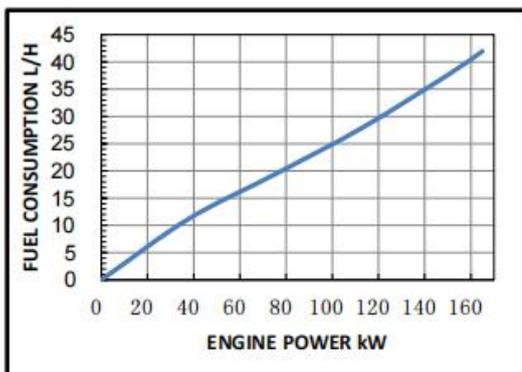
Engine Performance Data @1500RPM

| OUTPUT POWER | | | FUEL CONSUMPTION | |
|-------------------------|-----|-----|------------------|-----|
| % | kW | HP | g/kW.h | L/h |
| STANDBY POWER | | | | |
| 100 | 155 | 207 | 204 | 38 |
| PRIME POWER | | | | |
| 100 | 140 | 187 | 203 | 34 |
| 75 | 105 | 140 | 202 | 26 |
| 50 | 70 | 93 | 207 | 17 |
| 25 | 35 | 47 | 231 | 10 |
| CONTINUOUS POWER | | | | |
| | | | | |



Engine Performance Data @1800RPM

| OUTPUT POWER | | | FUEL CONSUMPTION | |
|-------------------------|-------|-----|------------------|-----|
| % | kW | HP | g/kW.h | L/h |
| STANDBY POWER | | | | |
| 100 | 165 | 220 | 211 | 42 |
| PRIME POWER | | | | |
| 100 | 150 | 200 | 208 | 38 |
| 75 | 112.5 | 150 | 205 | 28 |
| 50 | 75 | 100 | 214 | 19 |
| 25 | 37.5 | 50 | 246 | 11 |
| CONTINUOUS POWER | | | | |
| | | | | |



Alternator

Pole No. 4-Pole
 Exciter Type Single bearing, Brushless, Self-excited
 Power factor 0.8
 Voltage adjust range $\cong 5\%$
 Insulation Grade H
 Protection Grade IP23/22
 Phase / wire 3 phase 4 wires

➤ Engine: Cummins 6BTAA5.9-G12

➤ Alternator: Stamford/Leroy Somer/
Hengsheng

➤ Controller: DeepSea/SmartGen/DEIF
/ComAp

Aspiration: Turbocharger&Charge Air Cooled

Displacement 5.9L

No. of Cylinders 6

Fuel System BYC P7100 /Electronic Governor

- ✧ 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 pitchwindings 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:2300*950*1500mm
Weight:1400kg

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:3000*1100*1700mm
Weight:2300kg
Fuel Tank Capacity:280L

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

