



## 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

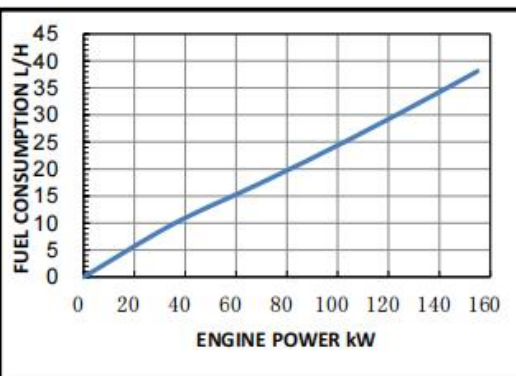
Stroke 120mm

Emission Certification:

Governor Regulation:  $\leq 5\%$

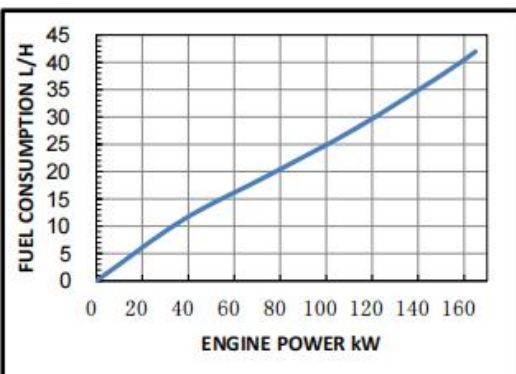
### Engine Performance Data @1500RPM

| 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  $\leq 5\%$

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)

## Packing

- Wrapping film packaging
- Tray packaging
- plywood box packaging



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

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