



## Genset

Model	JHK5-475GF
Voltage	230/400V
Frequency&Speed	50HZ;1500RPM
Prime Power	380kW/475kVA
Standby Power	400kW/500kVA

Compression Ratio: 17:1

Bore: 130mm

Stroke: 163mm

Emission Certification:

Governor Regulation:  $\leq 1\%$

➤ Engine: Cummins QSZ13-G3

➤ Alternator: Stamford/Leroy

Somer/Hengsheng

➤ Controller: DeepSea/SmartGen/

DEIF/ComAp

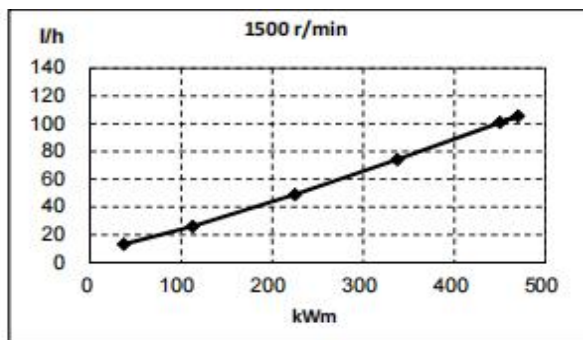
Aspiration: Turbocharged&Charge Air Cooled

Displacement 13L

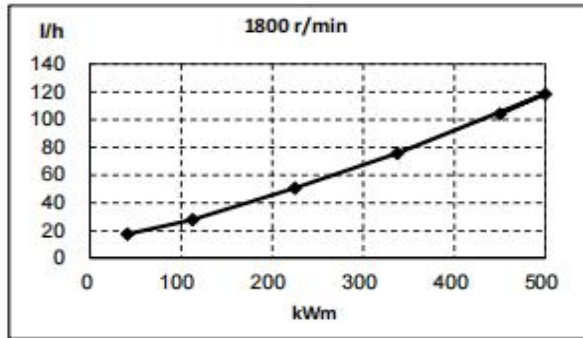
No. of Cylinders 6

Fuel System HPCR

Engine Fuel Consumption @1500 r/min						
OUTPUT POWER			FUEL CONSUMPTION			
%	bhp	kW	lb/bhp.h	g/kW.h	gal/h	l/h
Standby Power						
100	629	470	0.317	193	27.8	105.5
Prime Power						
100	603	450	0.317	193	26.6	101.0
75	452	338	0.311	189	19.6	74.2
50	301	225	0.308	187	12.9	48.9
25	151	113	0.327	199	6.9	26.0
continuous Power						
100	529	395	0.314	191	23.1	87.7



Engine Fuel Consumption @1800 r/min						
OUTPUT POWER			FUEL CONSUMPTION			
%	bhp	kW	lb/bhp.h	g/kW.h	gal/h	l/h
Standby Power						
100	670	500	0.336	204	31.3	118.6
Prime Power						
100	603	450	0.327	199	27.5	104.1
75	452	338	0.317	193	20.0	75.7
50	301	225	0.319	194	13.4	50.8
25	151	113	0.352	214	7.4	28.0
continuous Power						
100	529	395	0.319	194	23.5	89.1



## 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:3200\*1370\*1900mm  
Weight:3200kg



Dimension:4000\*1700\*2000mm  
Weight:5200kg  
Fuel Tank Capacity:680L

**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](mailto:jhfsale@jhgenerator.com)

WhatsApp: +86 18652649673

