



Genset

Model	JHKQ5-500GF
Voltage	230/400V
Frequency&Speed	50HZ;1500RPM
Prime Power	400kW/500kVA
Standby Power	440kW/550kVA

Compression Ratio: 17:1

Bore: 130 mm

Stroke: 163 mm

Emission Certification:

Governor Regulation: $\leq 3\%$

➤ **Engine: Cummins QSZ13-G10**

➤ **Alternator: Stamford/Leroy**

Somer/Hengsheng

➤ **Controller: DeepSea/SmartGen/**

DEIF/ComAp

Aspiration: Turbocharged & Charge Air Cooled

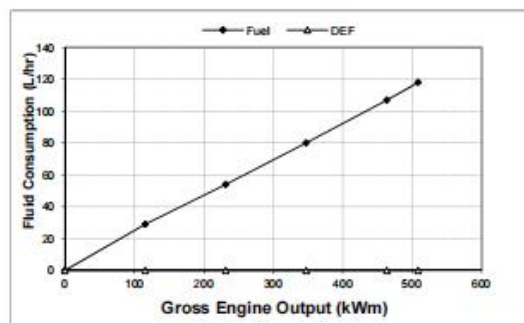
Displacement 13 L

No. of Cylinders 6

Fuel System XPI

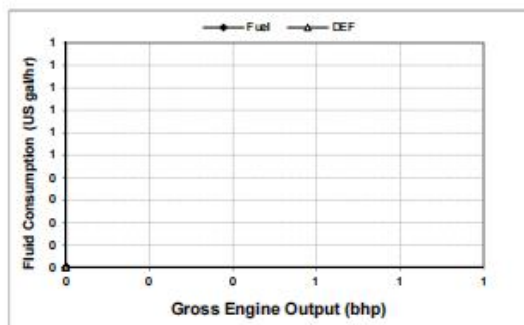
Engine Fluid Consumption @ 1500 rpm

Output Power			Fuel				DEF
%	kWm	bhp	kg/kWm-hr	lb/bhp-hr	L/hr	US gal/hr	L/hr
Standby Power							
100	509	682	0.191	0.315	118	30.2	N/A
Prime Power							
100	463	621	0.191	0.314	107	27.5	N/A
75	347	466	0.190	0.313	80	20.5	N/A
50	232	311	0.193	0.317	54	13.9	N/A
25	116	155	0.207	0.340	29	7.4	N/A
Continuous Power							
100	N/A	N/A	N/A	N/A	N/A	N/A	N/A



Engine Fluid Consumption @ 1800 rpm

Output Power			Fuel				DEF
%	kWm	bhp	kg/kWm-hr	lb/bhp-hr	L/hr	US gal/hr	gal/hr
Standby Power							
100	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Prime Power							
100	N/A	N/A	N/A	N/A	N/A	N/A	N/A
75	N/A	N/A	N/A	N/A	N/A	N/A	N/A
50	N/A	N/A	N/A	N/A	N/A	N/A	N/A
25	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Continuous Power							
100	N/A	N/A	N/A	N/A	N/A	N/A	N/A



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:3300kg

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:4300*2000*2250mm
Weight:5500kg
Fuel Tank Capacity:850L

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

