



➤ **Engine: Cummins 6ZTAA13-G2**

➤ **Alternator: Stamford/Leroy**

Somer/Hengsheng

➤ **Controller: DeepSea/SmartGen/**

DEIF/ComAp

Genset	
Model	JHK5-438GF
Voltage	230/400V
Frequency&Speed	50HZ;1500RPM
Prime Power	350kW/438kVA
Standby Power	380kW/475kVA

Compression Ratio: 17:1

Bore: 130mm

Stroke: 163mm

Emission Certification:

Governor Regulation: $\leq 3\%$

Aspiration: Turbocharged&Charge Air Cooled

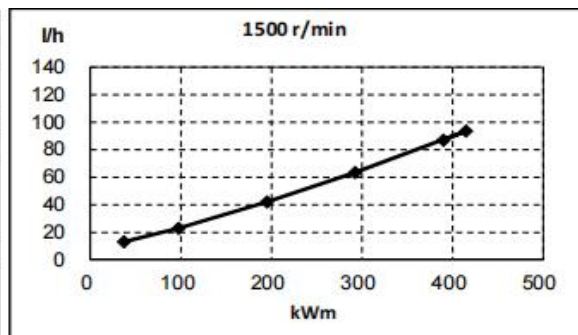
Displacement 13L

No.of Cylinders 6

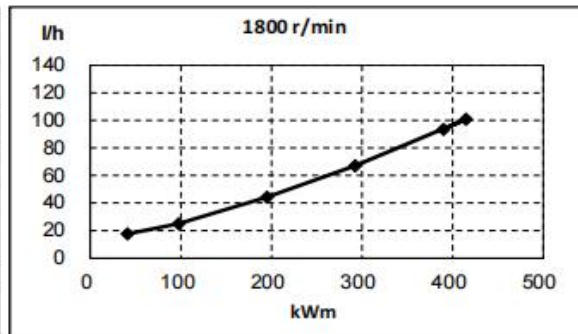
Fuel System BYC PD/GAC

ELCTRONIC GOVERNOR

Engine Fuel Consumption @1500 r/min						
OUTPUT POWER			FUEL CONSUMPTION			
%	bhp	kW	Ib/bhp. h	g/kW.h	gal/h	l/h
Standby Power						
100	556	415	0.319	191	24.7	93.6
Prime Power						
100	522	390	0.316	192	23.0	87.1
75	392	293	0.308	187	16.8	63.6
50	261	195	0.306	186	11.1	42.2
25	131	98	0.334	203	6.1	23.0
continuous Power						
100	469	350	0.311	189	20.3	76.9



Engine Fuel Consumption @1800 r/min						
OUTPUT POWER			FUEL CONSUMPTION			
%	bhp	kW	Ib/bhp. h	g/kW.h	gal/h	l/h
Standby Power						
100	556	415	0.344	209	26.6	100.9
Prime Power						
100	522	390	0.339	206	24.6	93.4
75	392	293	0.324	197	17.7	67.0
50	261	195	0.321	195	11.7	44.2
25	131	98	0.363	221	6.6	25.1
continuous Power						
100	469	350	0.329	200	21.5	81.4



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 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:3000*1370*1900mm
Weight:2800kg



Dimension:4000*1700*2000mm
Weight:4700kg
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

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