



➤ Engine: Cummins 6ZTAA13-G3

➤ Alternator: Stamford/Leroy

Somer/Hengsheng

➤ Controller: DeepSea/SmartGen/

DEIF/ComAp

Genset

Model	JHK5-388GF
Voltage	230/400V
Frequency&Speed	50HZ;1500RPM
Prime Power	310kW/388kVA
Standby Power	340kW/425kVA

Compression Ratio: 17:1

Bore: 130mm

Stroke: 163mm

Emission Certification:

Governor Regulation: $\leq 3\%$

Aspiration: Turbocharged&Charge Air Cooled

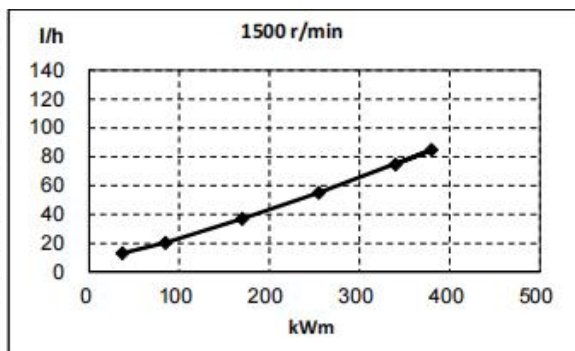
Displacement 13.0L

No.of Cylinders 6

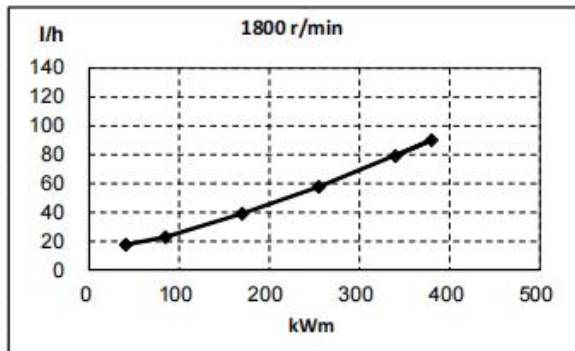
Fuel System BYC PD /GAC

Electronic Governor

Engine Fuel Consumption @1500 r/min						
OUTPUT POWER			FUEL CONSUMPTION			
%	bhp	kWm	lb/bhp. h	g/kWm.h	gal/h	l/h
Standby Power						
100	509	380	0.316	192	22.4	84.8
Prime Power						
100	455	340	0.311	189	19.7	74.7
75	341	255	0.306	186	14.6	55.2
50	228	170	0.309	188	9.8	37.2
25	114	85	0.340	207	5.4	20.5
continuous Power						
100	396	296	0.308	187	17.0	64.4



Engine Fuel Consumption @1800 r/min						
OUTPUT POWER			FUEL CONSUMPTION			
%	bhp	kWm	lb/bhp. h	g/kWm.h	gal/h	l/h
Standby Power						
100	509	380	0.336	204	23.8	90.1
Prime Power						
100	455	340	0.329	200	20.9	79.1
75	341	255	0.321	195	15.3	57.8
50	228	170	0.326	198	10.3	39.1
25	114	85	0.382	232	6.1	22.9
continuous Power						
100	396	296	0.324	197	17.9	67.8



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: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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