



➤Engine:Cummins 6BTA5.9-G2

➤Alternator:Stamford/Leroy

Somer/Hengsheng

➤Controller:DeepSea/SmartGen/

DEIF/ComAp

Genset

Model	JHK5-115GF
Voltage	230/400V
Frequency&Speed	50HZ;1500RPM
Prime Power	92kW/115kVA
Standby Power	100kW/125kVA

Compression Ratio: 17.3:1

Bore: 102mm

Stroke: 120mm

Emission Certification: MEP STAGE I

Governor Regulation: $\leq 3\%$

Aspiration: Turbocharged&Aftercooled

Displacement 5.9L

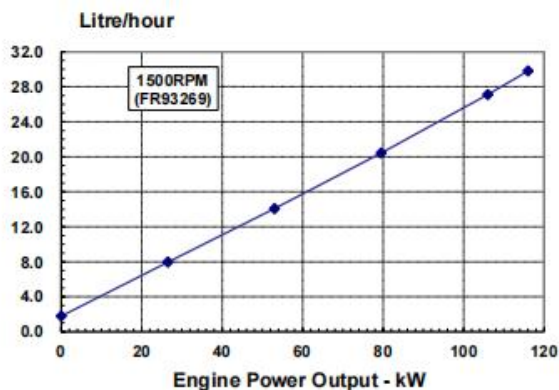
No.of Cylinders 6

Fuel System BYC PB /

Electronic Governor

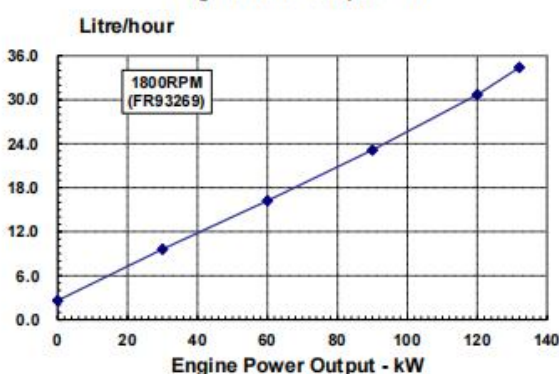
Engine Performance Data @ 1500 RPM

OUTPUT POWER			FUEL CONSUMPTION	
%	kW	HP	g/kW.h	L/h
STANDBY POWER				
100	116	155	212	30
PRIME POWER				
100	106	142	211	27
75	80	107	212	20
50	53	71	219	14
25	27	36	248	8
CONTINUOUS POWER				
100	56	75	218	15



Engine Performance Data @ 1800 RPM

OUTPUT POWER			FUEL CONSUMPTION	
%	kW	HP	g/kW.h	L/h
STANDBY POWER				
100	132	177	215	34
PRIME POWER				
100	120	161	211	31
75	90	121	212	23
50	60	80	223	16
25	30	40	264	10
CONTINUOUS POWER				
TBD	TBD	TBD	TBD	TBD



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 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:2200*900*1500mm
Weight:1200kg



Dimension:3000*1100*1700mm
Weight:2100kg
Fuel Tank Capacity:280L

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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