



➤ **Engine: Cummins 6BTA5.9-G2**

➤ **Alternator: Stamford/Leroy**

Somer/Hengsheng

➤ **Controller: DeepSea/SmartGen/**

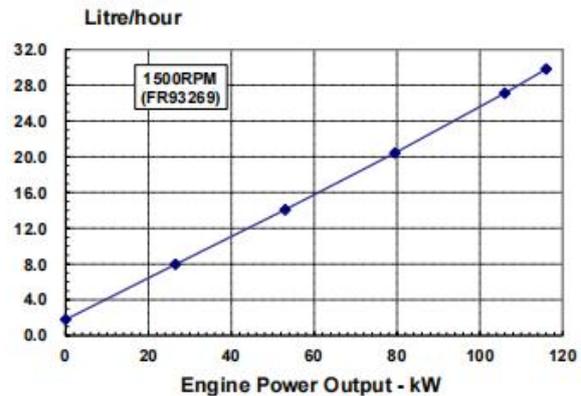
DEIF/ComAp

Genset	
Model	JHK-131GF
Voltage	277/480V
Frequency&Speed	60HZ;1800RPM
Prime Power	105kW/131kVA
Standby Power	116kW/145kVA

Compression Ratio:	17.3:1	Aspiration:	Turbochanger&Aftercooled
Bore	102mm	Displacement	5.9L
Stroke	120mm	No. of Cylinders	6
Emission Certification	MEP STAGE 1	Fuel System	BYC PB /Electronic Governor
Governor Regulation:	≅ 3%		

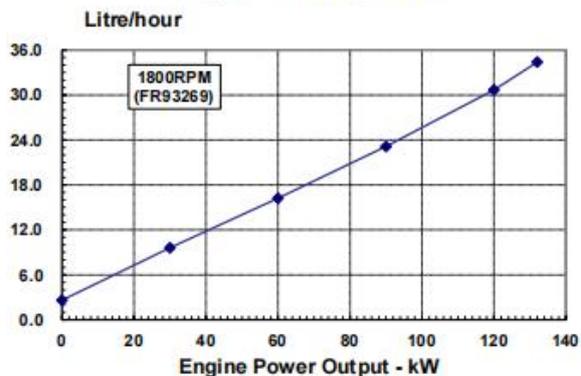
Engine Performance Data @ 1500 RPM

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	≅ 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 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:2200*900*1500mm
Weight:1200kg

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)



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

Packing

- Wrapping film packaging
- Tray packaging
- plywood box packaging

Jiangsu Jianghao Generator Co.,Ltd

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