



Genset

Model	JHKB5-275GF
Voltage	230/400V
Frequency&Speed	50HZ;1500RPM
Prime Power	NA/NA
Standby Power	220kW/275kVA

Compression Ratio: 16.7:1

Bore: 114mm

Stroke: 135mm

Emission Certification:

Governor Regulation: $\leq 5\%$

➤ **Engine: Cummins 6CTAA8.3-G9**

➤ **Alternator: Stamford/Leroy Somer/
Hengsheng**

➤ **Controller: DeepSea/SmartGen/DEIF
/ComAp**

Aspiration: Turbocharger&Charge Air Cooled

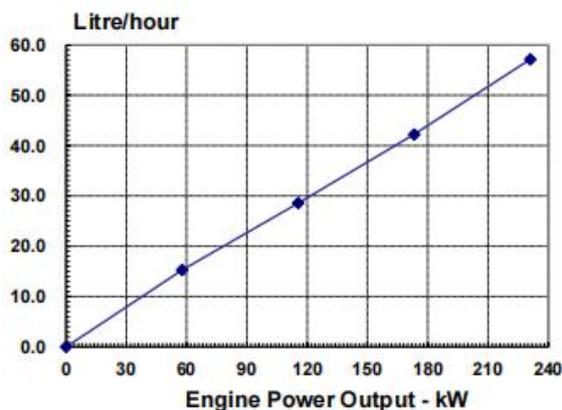
Displacement: 8.3L

No. of Cylinders: 6

Fuel System: BYC P7100/Electronic Governor

Engine Performance Data @ 1500 RPM

OUTPUT POWER			FUEL CONSUMPTION	
%	kW	HP	g/kW.h	L/h
STANDBY POWER				
100	231	310	204	57
75	173	232	201	42
50	116	155	204	29
25	58	77	218	15



Engine Performance Data @ 1800 RPM

OUTPUT POWER			FUEL CONSUMPTION	
%	kW	HP	g/kW.h	L/h
STANDBY POWER				
100	263	352	212	68
75	197	264	203	49
50	132	176	205	33
25	66	88	225	18



- ✧ 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.

Alternator

Pole No. 4-Pole
 Exciter Type Single bearing, Brushless, Self-excited
 Power factor 0.8
 Voltage adjust $\leq 5\%$
 range
 Insulation Grade H
 Protection Grade IP23/22
 Phase / wire 3 phase 4 wires

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:2500*1050*1600mm
Weight:1700kg

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:3300*1300*1800mm
Weight:2750kg
Fuel Tank Capacity:360L

Packing

- Wrapping film packaging
- Tray packaging
- plywood box packaging

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