



➤ **Engine: Cummins QSB6.7-G31**

➤ **Alternator: Stamford/Leroy**

Somer/Hengsheng

➤ **Controller: DeepSea/SmartGen/**

DEIF/ComAp

Genset

Model	JHK5-235GF
Voltage	230/400V
Frequency&Speed	50HZ;1500RPM
Prime Power	188kW/235kVA
Standby Power	207kW/259kVA

Compression Ratio: 18.5:1

Bore: 107mm

Stroke: 124mm

Emission Certification:

Governor Regulation: $\leq 5\%$

Aspiration: Turbocharged

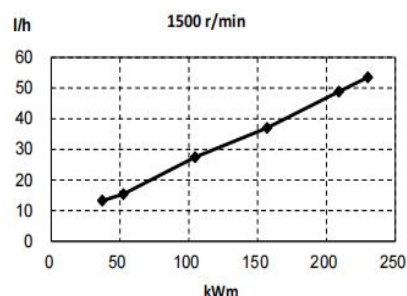
Displacement 6.7L

No. of Cylinders 6

Fuel System Electric-control high-pressure common-rail injecting system

Engine Performance Data @1500RPM

OUTPUT POWER			FUEL CONSUMPTION			
%	bhp	kWm	Lb/bhp.h	g/kWm.h	gal/h	L/h
STANDBY POWER						
110	308	230	0.329	200	14.1	53.5
PRIME POWER						
100	280	209	0.331	201	12.9	48.4
75	210	157	0.334	203	9.8	37.0
50	140	105	0.372	226	7.2	27.5
25	70	52	0.416	253	4.1	15.4
CONTINUOUS POWER						
100	161	120	0.382	232	8.5	32.4



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 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:2550*1000*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)

Packing

- Wrapping film packaging
- Tray packaging
- plywood box packaging



Dimension:3300*1300*1800mm
Weight:2800kg
Fuel Tank Capacity:360L

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