



Genset

Model	JHK-210GF
Voltage	277/480V
Frequency&Speed	60HZ;1800RPM
Prime Power	168kW/210kVA
Standby Power	184kW/230kVA

Compression Ratio: 18.0:1

Bore: 114mm

Stroke: 135mm

Emission Certification: MEP STAGE I

Governor Regulation: $\leq 3\%$

➤ Engine: Cummins 6CTAA8.3-G2

➤ Alternator: Stamford/Leroy Somer/
Hengsheng

➤ Controller: DeepSea/SmartGen/DEIF
/ComAp

Aspiration: Turbocharger&Charge Air Cooled

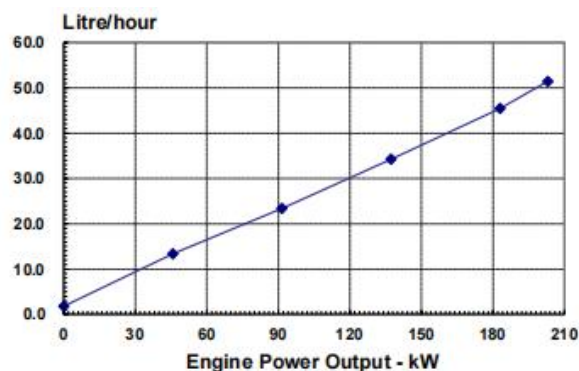
Displacement: 8.3L

No. of Cylinders: 6

Fuel System: BYC P7100/Electronic Governor

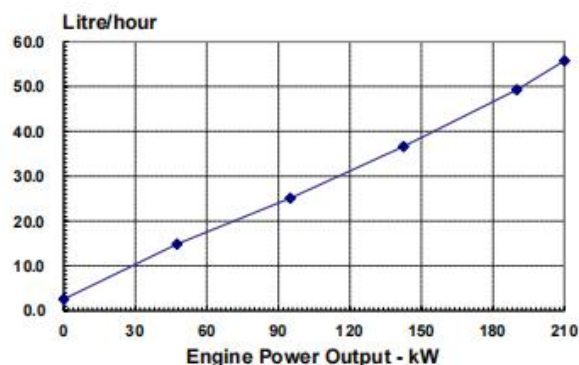
Engine Performance Data @ 1500 RPM

OUTPUT POWER			FUEL CONSUMPTION	
%	kW	HP	g/kW.h	L/h
STANDBY POWER				
100	203	272	209	51
PRIME POWER				
100	183	245	205	45
75	137	184	206	34
50	92	123	211	23
25	46	61	241	13
CONTINUOUS POWER				
100	149	201	205	37



Engine Performance Data @ 1800 RPM

OUTPUT POWER			FUEL CONSUMPTION	
%	kW	HP	g/kW.h	L/h
STANDBY POWER				
100	210	281	219	56
PRIME POWER				
100	190	255	214	49
75	143	191	212	37
50	95	127	218	25
25	48	64	258	15
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 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: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)

Packing

- Wrapping film packaging
- Tray packaging
- plywood box packaging



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

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