




Genset

Model	JHKN5-250GF
Voltage	230/400V
Frequency&Speed	50HZ;1500RPM
Prime Power	200kW/250kVA
Standby Power	220kW/275kVA

➤ **Engine:Cummins NT855-GA**

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

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

	CHONGQING CUMMINS ENGINE PERFORMANCE CURVE	Engine Model NT855-GA		Curve No. C-0171A	Date 2019/04/24
		CPL Code 3469	Data Sheet C-0171A	Emission Level	
Displacement: 14L [855 in. ³]		Cylinders: 6	Fuel System: PT		
Bore: 140mm [5.50 in.]		Speed: 1500 r/min	Cfg. Number: D092553DX02		
Stroke: 152mm [6.00in.]		Aspiration: Turbocharged			

GENERAL ENGINE DATA

Type.....4-Cycle; In-line; 6-Cylinder
 Aspiration Turbocharged
 Bore x Stroke - in. × in. (mm × mm)..... 5.5 × 6 (140 × 152)
 Displacement - in.³(L)..... 855 (14)
 Compression Ratio 15.0:1
 Firing Order 1-5-3-6-2-4

	Output Power		Fuel Consumption		Fuel Rate
	HP	kW	kg/h	L/h	g/kW-h
Standby100%	340	254	48.5	58.4	191.0
Prime100%	310	231	44.3	53.4	191.8
75%	233	173	34.3	41.3	197.8
50%	155	116	24.4	29.4	211.4
25%	78	58	14.5	17.5	251.1
10%	31	23	8.2	9.9	355.0

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:3000*1050*1800mm
Weight:2550kg

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:4000*1700*2000mm
Weight:4450kg
Fuel Tank Capacity:680L

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