



➤ **Engine: Cummins NTA855-G4**

➤ **Alternator: Stamford/Leroy**


Somer/Hengsheng

➤ **Controller: DeepSea/SmartGen/**

DEIF/ComAp

Genset

Model	JHK5-350GF
Voltage	230/400V
Frequency&Speed	50HZ;1500RPM
Prime Power	280kW/350kVA
Standby Power	310kW/388kVA

	CHONGQING CUMMINS ENGINE PERFORMANCE CURVE	Engine Model NTA855-G4		Curve No. C-0810A	Date 2019/04/24
		CPL Code 3527	Data Sheet C-0810A	Emission Level	
Displacement: 14L [855 in. ³] Cylinders: 6 Fuel System: PT					
Bore: 140mm [5.50 in.] Speed: 1500 r/min Cfg. Number: D093613DX02					
Stroke: 152mm [6.00 in.] Aspiration: Turbocharged & Aftercooled					

GENERAL ENGINE DATA

Type.....4-Cycle;In-line;6-Cylinder
 Aspiration.....Turbocharged,Aftercooled
 Bore x Stroke - in.×in. (mm×mm).....5.5 ×6 (140 × 152)
 Displacement - in.³(L).....855 (14)
 Compression Ratio.....14.0:1
 Firing Order.....1-5-3-6-2-4

	Output Power		Fuel Consumption		Fuel Rate
	HP	kW	kg/h	L/h	g/kW-h
Standby100%	470	351	69.0	83.1	196.6
Prime100%	425	317	62.5	75.3	197.2
75%	319	238	47.7	57.5	200.6
50%	213	159	33.1	39.9	208.8
25%	106	79	18.4	22.2	232.2
10%	43	32	8.5	10.2	268.1

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 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:3100*1100*1900mm
Weight:2900kg



Dimension:4000*1700*2000mm
Weight:3800kg
Fuel Tank Capacity:680L

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

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