



Genset

Model	JHK-344GF
Voltage	277/480V
Frequency&Speed	60HZ;1800RPM
Prime Power	275kW/344kVA
Standby Power	300kW/375kVA

Compression Ratio: 14:1

Bore: 140 mm

Stroke: 152 mm

Emission Certification:

Governor Regulation: $\cong 3\%$

Aspiration: Turbocharged&Aftercooled

Displacement 14 L

No.of Cylinders 6

Fuel System PT

➤ **Engine: Cummins NTA855-G1B**

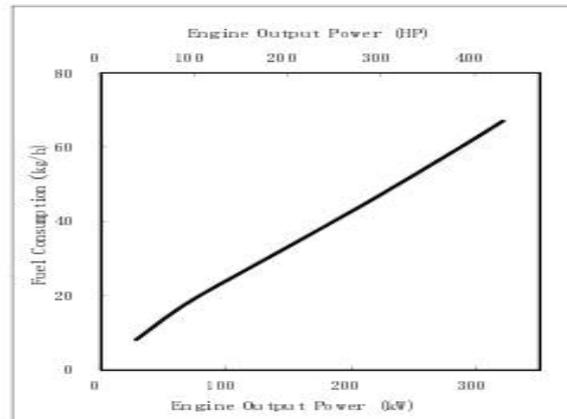
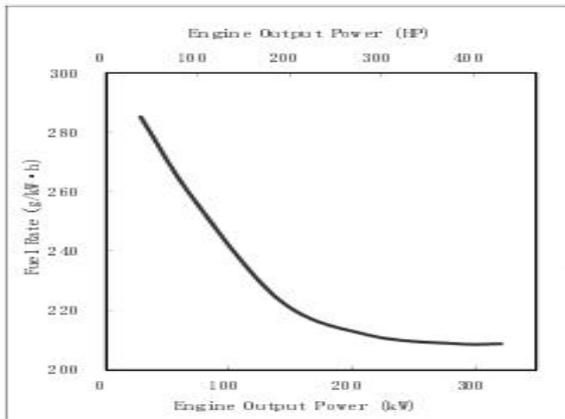
➤ **Alternator: Stamford/Leroy**

Somer/Hengsheng

➤ **Controller: DeepSea/SmartGen/**

DEIF/ComAp

	Output Power		Fuel Consumption		Fuel Rate
	HP	kW	kg/h	L/h	g/kW-h
Standby100%	430	321	67.0	80.7	208.7
Prime100%	380	284	59.3	71.4	208.8
75%	285	213	45.1	54.3	211.7
50%	190	142	31.7	38.2	223.2
25%	95	71	18.3	22.0	257.7
10%	38	28	8.1	9.8	285.2



Alternator

Pole No. 4-Pole
Exciter Type Single bearing, Brushless, Self-excited
Power factor 0.8
Voltage adjust range $\cong 5\%$
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:3100*1050*1800mm
Weight:2700kg



Dimension:4000*1700*2000mm
Weight:4600kg
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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