



Genset

Model	JHK-394GF
Voltage	277/480V
Frequency&Speed	60HZ;1800RPM
Prime Power	315kW/394kVA
Standby Power	350kW/438kVA

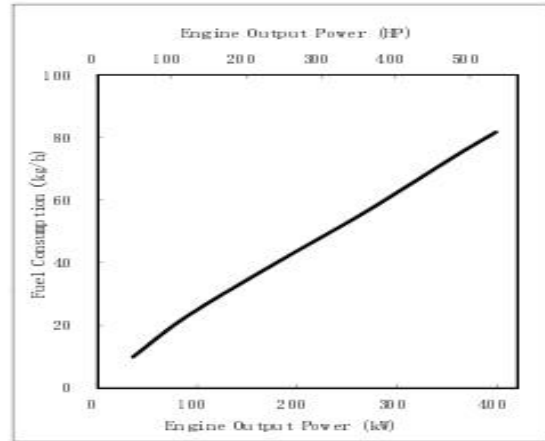
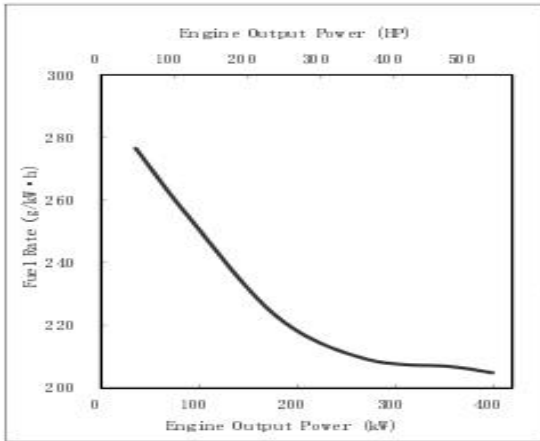
Compression Ratio: 14:1
 Bore: 140 mm
 Stroke: 152 mm
 Emission Certification:
 Governor Regulation: $\cong 3\%$

Aspiration: Turbocharged&Aftercooled
 Displacement 14 L
 No.of Cylinders 6
 Fuel System PT

➤ **Engine:Cummins NTA855-G3**

➤ **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%	535	399	81.7	96.1	204.8
Prime100%	480	358	74.0	87.1	206.7
75%	360	269	56.2	66.0	209.3
50%	240	179	39.9	46.9	222.9
25%	120	90	22.8	26.8	254.7
10%	48	36	9.9	11.6	276.5

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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