



## Genset

Model	JHK-1000GF
Voltage	277/480V
Frequency&Speed	60HZ;1800RPM
Prime Power	800kW/1000kVA
Standby Power	900kW/1125kVA

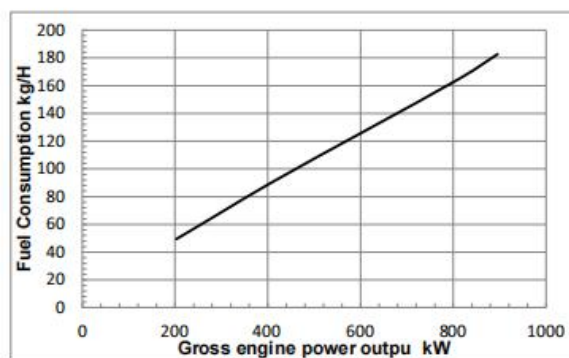
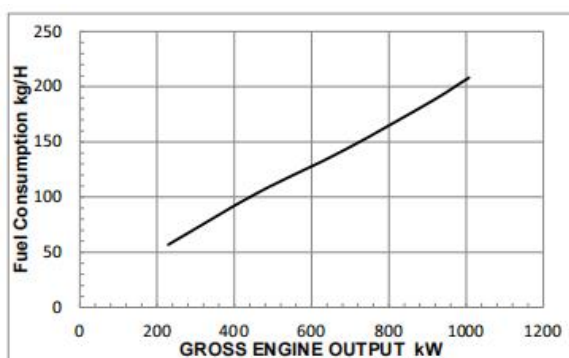
Compression Ratio: 14.5:1

Bore: 159 mm

Stroke: 159 mm

Emission Certification:

Governor Regulation:  $\leq 3\%$



## 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

➤ Engine: Cummins KTA38-G2A

➤ Alternator: Stamford/Leroy Somer  
/Hengsheng

➤ Controller: DeepSea/SmartGen  
/DEIF/ComAp

Aspiration: Turbocharged&Aftercooled

Displacement 38L

No. of Cylinders 12

Fuel System Cummins PT

OUTPUT POWER			CONSUMPTION		BFSC	
%	BHP	kW	Lb/h	kg/h	g/kW.h	Lb/BHP.h
<b>1800RPM</b>						
STNADBY						
100	1350	1007	459	208	207	0.340
PRIME						
100	1226	915	414	188	205	0.338
75	920	686	315	143	208	0.342
50	613	458	228	104	226	0.372
25	307	229	125	57	248	0.408
<b>1500RPM</b>						
STANDBY						
100	1200	896	403	183	204	0.336
PRIME						
100	1090	813	364	165	203	0.334
75	817	610	281	128	209	0.344
50	545	407	198	90	221	0.364
25	272	203	109	49	243	0.400

- ✧ 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:4400\*1800\*2500mm  
Weight:7800kg



Dimension:5800\*2300\*2550mm  
Weight:11700kg  
Fuel Tank Capacity:1200L

**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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