



## Genset

Model	JHK-588GF
Voltage	277/480V
Frequency&Speed	60HZ;1800RPM
Prime Power	470kW/588kVA
Standby Power	550kW/688kVA

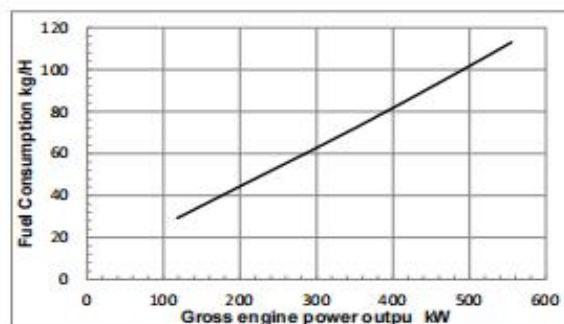
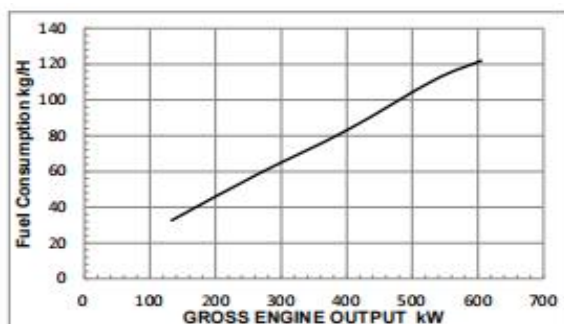
Compression Ratio: 13.9:1

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 KTAA19-G5

➤ Alternator: Stamford/LeroySomer  
/Hengsheng

➤ Controller: DeepSea/SmartGen/  
DEIF/ComAp

Aspiration: Turbocharged&Air-to-AirCooled

Displacement 19 L

No.of 6

Cylinders

Fuel System Cummins PT

	OUTPUT POWER		CONSUMPTION		BFSC	
	%	BHP	kW	Lb/h	kg/h	g/kW.h
<b>1800RPM</b>						
STANDBY						
100		811	605	269	122	202
PRIME						
100		714	533	245	111	208
75		536	400	183	83	208
50		357	267	130	59	221
25		179	133	72	33	245
<b>1500RPM</b>						
STANDBY						
100		744	555	249	113	204
PRIME						
100		630	470	211	96	204
75		473	353	160	73	206
50		315	235	112	51	216
25		158	118	65	29	248

- ✧ 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:3500\*1380\*2000mm  
Weight:3900kg



Dimension:4700\*2100\*2400mm  
Weight:6800kg  
Fuel Tank Capacity:1000L

**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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