



Genset

Model	JHK5-500GF
Voltage	230/400V
Frequency&Speed	50HZ;1500RPM
Prime Power	400kW/500kVA
Standby Power	450kW/563kVA

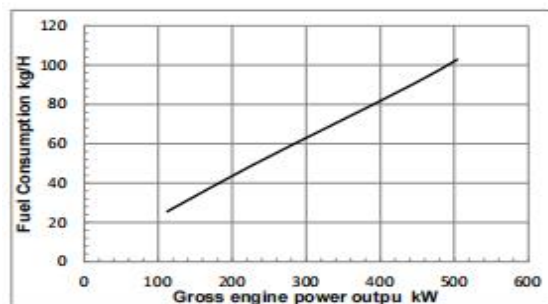
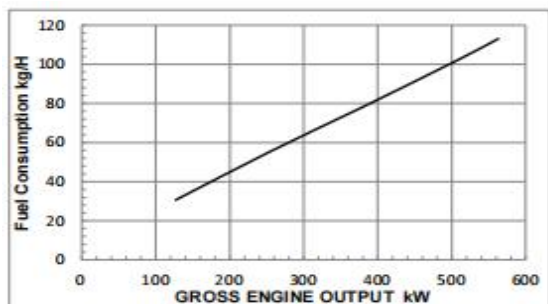
Compression Ratio: 13.9:1

Bore: 159 mm

Stroke: 159 mm

Emission Certification:

Governor Regulation: $\leq 3\%$



➤ Engine: Cummins KTA19-G3A

➤ Alternator: Stamford/LeroySomer
/Hengsheng

➤ Controller: DeepSea/SmartGen/
DEIF/ComAp

Aspiration: Turbocharged&Aftercooled

Displacement 19 L

No.of 6

Cylinders

Fuel System Cummins PT

OUTPUT POWER			CONSUMPTION		BFSC	
%	BHP	kW	Lb/h	kg/h	g/kW.h	Lb/BHP.h
1800RPM						
STNADBY						
100	755	563	249	113	201	0.330
PRIME						
100	680	507	225	102	201	0.331
75	510	380	172	78	206	0.338
50	340	254	122	55	218	0.358
25	170	127	67	31	241	0.397
CONTINUOUS						
100	575	429	190	86	201	0.331
1500RPM						
STANDBY						
100	675	504	227	103	204	0.336
PRIME						
100	600	448	201	91	203	0.334
75	450	336	154	70	207	0.341
50	300	224	107	48	216	0.356
25	150	112	56	26	228	0.375
CONTINUOUS						
100	475	354	157	71	202	0.332

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

- ✧ 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 upto 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 pitchwindings 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:4300*2000*2250mm
Weight:5500kg
Fuel Tank Capacity:850L

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

Jiangsu Jianghao Generator Co.,Ltd

Address: No.1 Xixu Road, Medical High-tech Zone,
Taizhou city, Jiangsu, China

Contact Person: Anthony Feng

Email: jhfsale@jhgenerator.com

WhatsApp: +86 18652649673

