



Genset

Model	JHK-688GF
Voltage	277/480V
Frequency&Speed	60HZ;1800RPM
Prime Power	550kW/688kVA
Standby Power	600kW/750kVA

Compression Ratio: 15.0:1

Bore: 159 mm

Stroke: 159 mm

Emission Certification: U.S. EPA Tier2

Governor Regulation: $\leq 3\%$

Aspiration: Turbocharged&CAC

Displacement 18.9 L

No.of 6

Cylinders

Fuel System Cummins MCRS

➤ Engine: Cummins QSK19-G5

➤ Alternator: Stamford/Leroy Somer

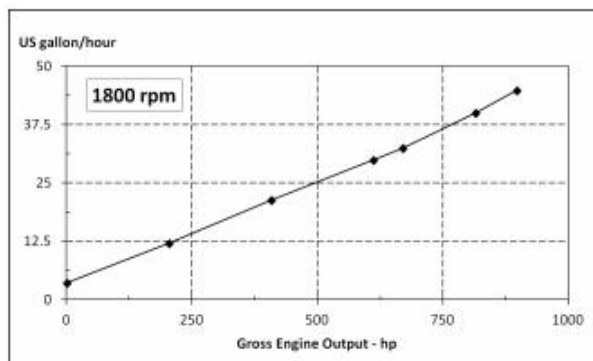
/Hengsheng

➤ Controller: DeepSea/SmartGen/DEIF

/ComAp

Engine Performance Data @ 1800 rpm

OUTPUT POWER			FUEL CONSUMPTION			
%	bhp	kWm	lb/ hp-h	kg/ kWm-h	US gal/ hour	litre/ hour
STANDBY POWER						
100	897	669	0.355	0.216	44.8	170
PRIME POWER						
100	815	608	0.349	0.212	40.0	151
75	611	456	0.347	0.211	29.9	113
50	408	304	0.371	0.226	21.3	81
25	204	152	0.422	0.257	12.1	46
CONTINUOUS POWER						
100	670	500	0.344	0.209	32.4	123



FUEL SYSTEM

Type Injection System

Maximum Restriction at Lift Pump (clean/dirty filter)

Maximum Allowable Head on Injector Return Line (Consisting of Friction Head and Static Head)

Maximum Fuel Inlet Temperature

Maximum Supply Fuel Flow @ 1800 RPM

Maximum Return Fuel Flow @ 1800 RPM

Cummins MCRS

5 / 9 16.9 / 30

10 34

160 71

125 473

78 295

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 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:3600*1550*2200mm
Weight:4500kg



Dimension:4700*2100*2400mm
Weight:7400kg
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

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

