



## Genset

Model	JHK-875GF
Voltage	277/480V
Frequency&Speed	60HZ;1800RPM
Prime Power	700kW/875kVA
Standby Power	770kW/963kVA

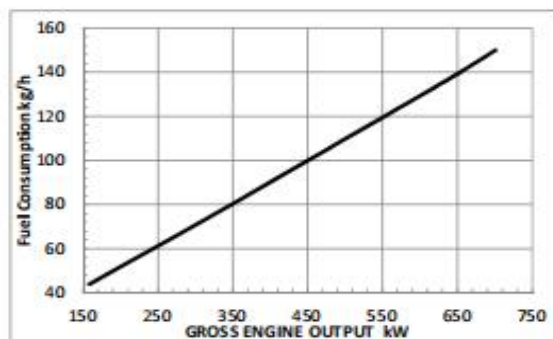
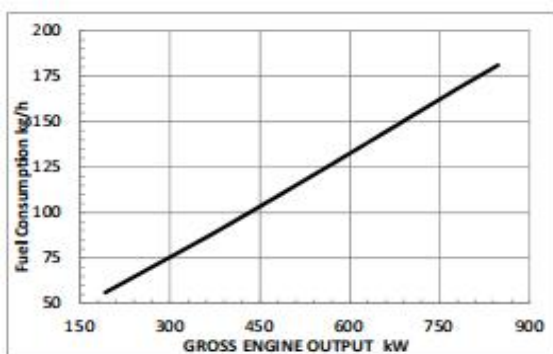
Compression Ratio: 14.5:1

Bore: 159 mm

Stroke: 159 mm

Emission Certification:

Governor Regulation:  $\leq 3\%$



➤ Engine: Cummins KTA38-G1

➤ 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>						
STANDBY						
100	1135	847	399	181	214	0.352
PRIME						
100	1030	769	365	166	216	0.355
75	773	577	281	128	221	0.364
50	515	385	201	91	237	0.389
25	258	192	124	56	292	0.480
CONTINUOUS						
100	900	672	324	147	219	0.360
<b>1500RPM</b>						
STANDBY						
100	940	701	330	150	213	0.351
PRIME						
100	850	634	300	136	215	0.353
75	637	476	230	105	220	0.362
50	425	317	163	74	233	0.384
25	212	159	97	44	279	0.459
CONTINUOUS						
100	810	604	289	131	217	0.357

## 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 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:4300\*1800\*2500mm  
Weight:7100kg



Dimension:5800\*2300\*2550mm  
Weight:11000kg  
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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