



## Genset

Model	JHK-1525GF
Voltage	277/480V
Frequency&Speed	60HZ;1800RPM
Prime Power	1220kW/1525kVA
Standby Power	1430kW/1788kVA

Compression Ratio: 13.9:1

Bore: 159 mm

Stroke: 159 mm

Emission Certification:

Governor Regulation:  $\leq 3\%$

➤ Engine: Cummins KTA50-G12A

➤ Alternator: Stamford/Leroy Somer

/Hengsheng

➤ Controller: DeepSea/SmartGen

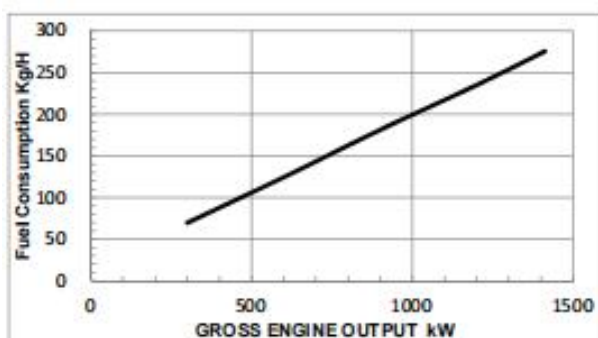
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Aspiration: Turbocharged&LTA

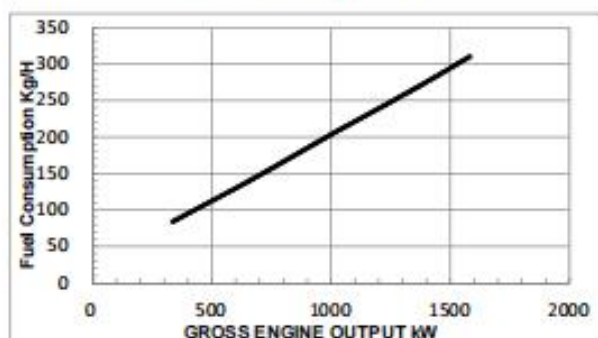
Displacement 37.7L

No. of Cylinders 16

Fuel System Cummins PT



OUTPUT POWER			CONSUMPTION		BFSC	
%	BHP	kW	Lb/h	Kg/h	g/kW.h	Lb/BHP.h
<b>1500RPM</b>						
STANDBY						
100	1892	1412	608	276	195	0.321
PRIME						
100	1608	1200	518	235	196	0.322
75	1206	900	400	181	201	0.331
50	804	600	274	124	207	0.341
25	402	300	153	70	232	0.381
CONTINUOUS						
100	1474	1100	475	216	196	0.322



OUTPUT POWER			CONSUMPTION		BFSC	
%	BHP	kW	Lb/h	Kg/h	g/kW.h	Lb/BHP.h
<b>1800RPM</b>						
STANDBY						
100	2120	1582	684	310	196	0.322
PRIME						
100	1805	1347	585	265	197	0.324
75	1354	1010	452	205	203	0.334
50	902	674	315	143	212	0.349
25	451	337	186	84	250	0.411
CONTINUOUS						
100	1640	1224	534	242	198	0.326

## 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 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:5500\*2100\*2600mm  
Weight:10800kg



Dimension:12000\*2400\*2900mm  
Weight:14600kg  
Fuel Tank Capacity:1000-3000L

**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

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