



Genset

Model	JHK5-1475GF
Voltage	230/400V
Frequency&Speed	50HZ;1500RPM
Prime Power	1180kW/1475kVA
Standby Power	1320kW/1650kVA

Compression Ratio: 14.9:1

Bore: 159 mm

Stroke: 159 mm

Emission Certification:

Governor Regulation: $\leq 3\%$

Engine Performance Data @ 1500 RPM

OUTPUT POWER			FUEL CONSUMPTION			
%	kWm	BHP	kg/ kWm·h	lb/ BHP·h	litre/ hour	U.S. Gal/ hour
OVERLOAD POWER						
100	1429	1915	0.206	0.338	345	91.2
PRIME POWER						
100	1287	1725	0.204	0.336	309	81.6
75	965	1294	0.210	0.345	238	62.8
50	644	863	0.221	0.363	167	44.1
25	322	431	0.232	0.383	88	23.3
CONTINUOUS POWER						
100	1100	1475	0.206	0.339	266	70.4

➤ Engine: Cummins KTA50-GS8

➤ Alternator: Stamford/Leroy Somer
/Hengsheng

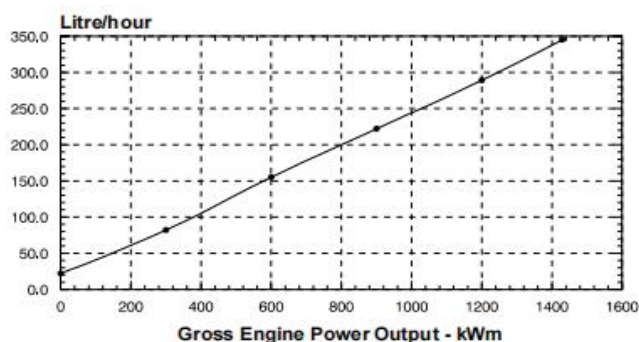
➤ Controller: DeepSea/SmartGen
/DEIF/ComAp

Aspiration: Turbocharged&Aftercooled

Displacement 50.3L

No. of Cylinders 16

Fuel System Cummins PT



Engine Performance Data @ 1800 RPM

Not Available at 1800 RPM

Not Available at 1800 RPM

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:5600*2150*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

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