



Genset

Model	JHK5-1250GF
Voltage	230/400V
Frequency&Speed	50HZ;1500RPM
Prime Power	1000kW/1250kVA
Standby Power	1100kW/1375kVA

Compression Ratio: 13.9:1

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
STANDBY POWER						
100	1227	1645	0.203	0.334	293	77.4
PRIME -- LIMITED TIME RUNNING POWER						
100	1150	1541	0.202	0.333	274	72.3
PRIME -- UNLIMITED TIME RUNNING POWER						
100	1097	1470	0.202	0.333	261	69.0
75	822	1102	0.206	0.338	199	52.5
50	548	735	0.216	0.355	139	36.6
25	275	368	0.234	0.385	76	20.0
CONTINUOUS POWER						
100	900	1206	0.204	0.336	216	57.1

Engine Performance Data @ 1800 RPM

OUTPUT POWER			FUEL CONSUMPTION			
%	kWm	BHP	kg/ kWm-h	lb/ BHP-h	litre/ hour	U.S. Gal/ hour
STANDBY POWER						
100	1380	1850	0.204	0.335	330	87.3
PRIME -- LIMITED TIME RUNNING POWER						
100	1300	1742	0.203	0.334	310	81.0
PRIME -- UNLIMITED TIME RUNNING POWER						
100	1220	1635	0.203	0.334	291	76.9
75	915	1226	0.207	0.340	222	58.7
50	610	818	0.220	0.361	157	41.6
25	305	409	0.249	0.410	89	23.6
CONTINUOUS POWER						
100	1000	1340	0.206	0.338	242	63.8

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

➤ Engine: Cummins KTA50-G3

➤ Alternator: Stamford/Leroy Somer
/Hengsheng

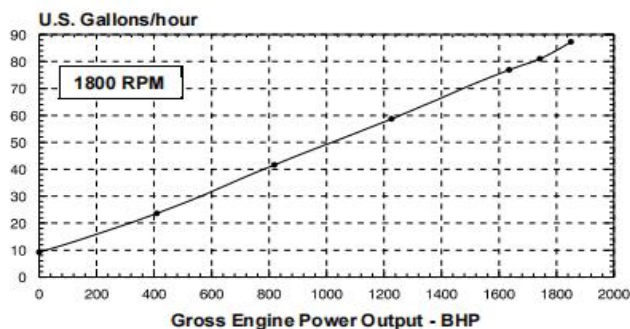
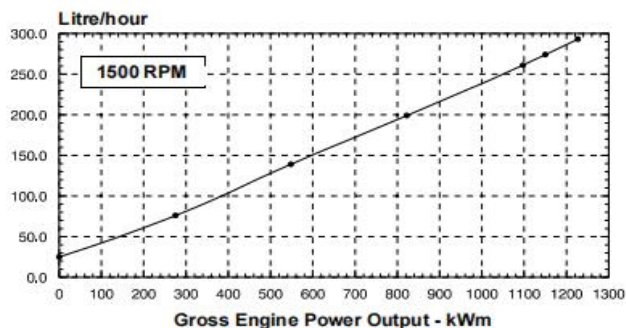
➤ Controller: DeepSea/SmartGen
/DEIF/ComAp

Aspiration: Turbocharged&Aftercooled

Displacement 50.3L

No.of Cylinders 16

Fuel System Cummins PT



- ✧ 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:5100*2100*2600mm
Weight:9600kg

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



Dimension:12000*2400*2900mm
Weight:13400kg
Fuel Tank Capacity:1000-3000L

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