



## Genset

Model	JHW25-800GF
Voltage	400/230V
Frequency&Speed	50HZ 1500RPM
Prime Power	792kW/990kVA
Standby Power	871kW/1089kVA

- **Engine:** Baudouin 12M26D968E200
- **Alternator:** Stamford/Leroy Somer /Hengsheng
- **Controller:** DeepSea/SmartGen /DEIF/ComAp

## General Engine Data

转速Speed r/min	发动机功率 Gross Engine Output		
	持续功率 kW COP kW	常用功率 kW PRP kW	备用功率 kW ESP kW
1500	/	880	968

发动机类型 Engine Type ..... 柴油机 Diesel Engine

气缸/气门数量 N° of Cylinders / Valves ..... 12/48

气缸分布型式 Cylinders arrangement ..... V 型 V-Type

缸径×行程 ( mm ) Bore x Stroke ( mm ) ..... 150×150

排量(L) Displacement(L) ..... 31.8

燃油系统型式 Fuel System ..... 机械泵 Mechanical pump

进气形式 Aspiration ..... 增压中冷 Turbocharged-Aftercooled

压缩比 Compression ratio ..... 15.7 : 1

飞轮壳尺寸 Flywheel housing ..... SAE0

飞轮尺寸 Flywheel ..... 18"

飞轮齿圈齿数 N° of teeth on flywheel ring gear ..... 178

飞轮转动惯量 (kg/m<sup>2</sup>) Inertia of flywheel (kg/m<sup>2</sup>) ..... 6.97

曲轴转动惯量 (kg/m<sup>2</sup>) Inertia of crankshaft (kg/m<sup>2</sup>) ..... 2.58

排放阶段 Emission standard ..... 无 None

发动机尺寸(长×宽×高) Overall Dimensions without radiator (L x W x H) (mm) .....  
2254×1138×1528 ( 以外形图为准 The outer chart shall prevail ) ( 以  
外形图为准 The outer chart shall prevail )

发动机干重 (kg) Engine dry weight (kg) ..... 2910

不带辅助启动装置时最低冷启动温度 (°C) Min.cold start temperature without auxiliary starting  
device(°C) ..... 0

带辅助启动装置时最低冷启动温度 (°C) Min. cold start temperature with auxiliary starting device (°C)  
..... -10

包装尺寸(长×宽×高) Packing size (L x W x H) (mm) ..... 2900×1700×2200

运输重量 Packaging quality(kg) ..... 3300

发动机允许的最高使用环境温度 (°C) System designed for ambient temperature up to (°C) .....	50
进出水外部管路的最小内径 (mm) Min. inside diameter of coolant outlet pipe (mm) .....	45
出水管报警温度 (°C) Coolant alarm temperature (°C).... 备用 ESP : 100 , 常用 PRP、持续 COP : 95	
节温器初开/全开温度 (°C) Thermostat opening temperature/full open temperature (°C) .....	77/87
冷却系统内最小保持压力 (kPa) Min. pressure in cooling system (kPa) .....	50
发动机本身冷却液容量 (L) Coolant capacity of the engine (L) .....	83
油底壳机油最小/最大容量 (L) Oil capacity Low / High (L).....	78/109
怠速时机油压力 (kPa) Oil pressure in normal condition idle speed (kPa) .....	≥200
在额定转速下的机油压力 (kPa) Oil pressure in normal condition at rated speed.....	400-600
机油压力低报警值(kPa) Lowest oil pressure alarm value (kPa) .....	200
机油压力低停机值(kPa) Lowest oil pressure shutdown value (kPa) .....	160
额定工况主油道内机油温度范围 The oil temperature range of the main oil passage under rated working condition ( °C ) .....	85~105
机油流量 (L/min) Oil flow (L/min).....	≥350
额定工况机油燃油消耗比 Oil fuel consumption ratio based on engine fuel consumption data under rated working condition .....	≤0.3%%
电气系统电压 ( 负极接地 ) (V) Electrical system voltage (negative to ground) (V) .....	24
起动机功率(kW) Starter power (kW) .....	10
充电发电机额定电流 (A) Battery charger current (A).....	55
启动回路最大电阻 (mΩ) Max. electric resistance of starting circuit (mΩ) .....	8
启动回路导线最小截面积(mm²) Min. sectional area of wire (mm²) .....	90
加热格栅工作电压(V)/电流(A) Heat The Grille Voltage(V)/Current(A) .....	/

## Alternator

Pole No.	4-Pole	
Exciter Type	Single bearing, Brushless, Self-excited	✧ NEMAMG1.JIANGHAO,and ANSI standards compliance for temperature rise and motor starting.
Power factor	0.8	✧ Sustained short-circuit current of up to 300% of the rated current for up to 10 seconds.
Voltage adjust range	≅ 5%	✧ Sustained short-circuit current enabling down stream circuit breakers to trip without collapsing the generator field.
Insulation Grade	H	✧ Self-ventilated and dripproof construction.
Protection Grade	IP23/22	
Phase / wire	3 phase 4 wires	
✧ 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.



Dimension:4800\*2000\*2350mm

Weight:9200kg



Dimension:5800\*2300\*2500mm

Weight:13100kg

Fuel Tank Capacity:1200L

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

**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](mailto:jhfsale@jhgenerator.com)

WhatsApp: +86 18652649673

