



Genset

Model	JHW25-550GF
Voltage	400/230V
Frequency&Speed	50HZ 1500RPM
Prime Power	549kW/686kVA
Standby Power	603kW/754kVA

- Engine: Baudouin 6M33D670E200
- Alternator: Stamford/Leroy Somer /Hengsheng
- Controller: DeepSea/SmartGen /DEIF/ComAp

General Engine Data

转速 Speed	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
1500r/min	/	610	670

发动机类型 Engine Type	柴油机 Diesel Engine
气缸/气门数量 N° of Cylinders / Valves	6/24
气缸分布型式 Cylinders arrangement	L 型 L-Type
缸径×行程 (mm) Bore x Stroke (mm)	150×185
排量(L) Displacement(L)	19.6
燃油系统型式 Fuel System	机械泵+电子调速 Mechanical Pump+Electronic Speed Governor
进气形式 Aspiration	增压中冷 Turbocharging and intercooling
压缩比 Compression ratio	15
飞轮壳尺寸 Flywheel housing	SAE1
飞轮尺寸 Flywheel	14"
飞轮齿圈齿数 N° of teeth on flywheel ring gear	178
飞轮转动惯量 (kg/m²) Inertia of flywheel (kg/m²)	4.76
曲轴转动惯量 (kg/m²) Inertia of crankshaft (kg/m²)	2.22
排放阶段 Emission standard	无排放 Non
发动机尺寸(长×宽×高) (mm) Overall Dimensions without radiator (L x W x H) (mm)	2254×1138×1528 (无散热器以外形图为准 The outer chart shall prevail)
发动机干重 (kg) Engine dry weight (kg)	2090
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)	-5
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 Packing measurement (mm)	2600×1500×1850
运输重量 Transport weight (kg)	2480
在涡轮增压器前允许的最大的进气温升(°C) Air intake temperature rise (°C)	5
清洁滤芯进气阻力(kPa) Air intake restriction clean filter(kPa)	≤3
脏滤芯进气阻力(kPa) Air intake restriction dirty filter(kPa)	≤6.5

应急备用工况下进气流量(kg/h)Recommended air flow @ ESP(kg/h)	3878.3
推荐最小进气管直径(mm) Min. diameter of intake pipe (mm).....	160
在环境温度 25℃ , 最大的中冷后进气温度 (°C) The max. Air inlet temperature after intercooler when the ambient temperature is 25°C (°C)	55
进气温度与环境温度的最大温差 (°C) Max. difference between intake temperature and ambient temperature (°C)	≤ 30
中冷器允许的最大压力降(kPa)Max. intake pressure drop of intercooler(kPa).....	15
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).....	80/92
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)	43.93
允许最大排气背压 (kPa) Max. exhaust back pressure (kPa)	7.5
最大的排气温度 (涡轮前) (°C) Max. exhaust temperature before turbocharger (°C)	750
最大的排气温度 (涡轮后) (°C) Max.exhaust temperature after turbocharger(°C).....	550
额定工况下排气流量 (kg/h)Exhaust flow @ PRP (kg/h)	/
应急备用工况下排气流量(kg/h)Exhaust flow @ ESP (kg/h)	4021.9
推荐排气管最小直径(mm) Min. diameter of exhaust pipe (mm)	200
涡轮增压器法兰处允许的最大弯矩(Nm) Max. bending moment of exhaust gas exit flange (Nm)	10
发动机噪声 (声功率级) (dB(A))Diesel engine noise (Acoustic power level) (dB(A))	119.0

Alternator

Pole No.	4-Pole	
Exciter Type	Single bearing, Brushless, Self-excited	
Power factor	0.8	✧ NEMAMG1.JIANGHAO,and ANSI standards compliance for temperature rise and motor starting.
Voltage adjust range	≅ 5%	✧ Sustained short-circuit current of up to 300% of the rated current for up to 10 seconds.
Insulation Grade	H	✧ Sustained short-circuit current enabling down stream circuit breakers to trip without collapsing the generator field.
Protection Grade	IP23/22	✧ Self-ventilated and dripproof construction.
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:3650*1500*1900mm

Weight:6000kg



Dimension:4700*2100*2400mm

Weight:8400kg

Fuel Tank Capacity:1000L

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

WhatsApp: +86 18652649673

