



| Genset | |
|--------------------|----------------|
| Model | JHM-900GF |
| Voltage | 277/480V |
| Frequency&Speed | 60HZ;1800RPM |
| Genset Prime Power | 900kW/1125kVA |
| Engine Prime Power | 1010kW/1263kVA |

No.of Cylinders: 16
Bore: 130mm
Stroke: 150mm

Displacement: 31.84L
Lube oil: 102L
Consumption: 198g/kw.h

Key Features

- ✓ **MTU Series 2000/4000 Engines:** High-performance engines with turbocharging and intercooling for optimal power density.
- ✓ **Advanced Cooling Systems:** Efficient radiator and charge air cooling systems ensure stable operation under extreme conditions.
- ✓ **Power Range Flexibility:** Outputs from 150 kVA to over 3,000 kVA (depending on model), catering to small-scale to industrial needs.
- ✓ **Vibration and Noise Reduction:** Engineered mounts and acoustic enclosures minimize noise levels (as low as 65 dB(A) at 1 meter).
- ✓ **Parallel Operation Capability:** Multiple units can be synchronized for increased capacity or redundancy.
- ✓ **Fuel Flexibility:** Compatible with biodiesel blends (up to B20) in select models, supporting sustainability goals.
- ✓ **Robust Enclosures:** Weatherproof and sound-attenuated enclosures (IP23 or higher) for outdoor or harsh environments.
- ✓ **Compliance and Certification:** Certified for global markets (ISO 8528, CE, UL, etc.), ensuring safety and interoperability

Alternator

| | | |
|---|---|---|
| Pole No. | 4-Pole | ✧ 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 dripproof construction. |
| Exciter Type | Single bearing, Brushless, Self-excited | |
| Power factor | 0.8 | |
| Voltage adjust range | ≅ 5% | |
| Insulation Grade | H | |
| 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. | | |

- **Engine:MTU 16V2000G85**
- **Alternator:Stamford/LeroySomer /Hengsheng**
- **Controller:DeepSea/SmartGen /DEIF/ComAp**

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:4500*2000*2300mm
Weight:7800kg

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:5800*2300*2500mm
Weight:11700kg
Fuel Tank Capacity:1200L

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

