



➤ Engine: Cummins 6BTA5.9-G2

➤ Alternator: Stamford/Leroy

Somer/Hengsheng

➤ Controller: DeepSea/SmartGen/

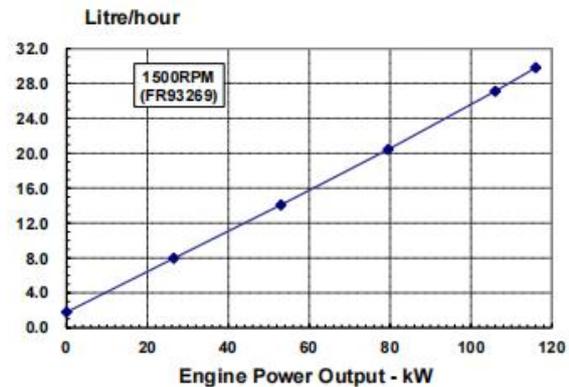
DEIF/ComAp

| Genset | |
|-----------------|--------------|
| Model | JHK5-115GF |
| Voltage | 230/400V |
| Frequency&Speed | 50HZ;1500RPM |
| Prime Power | 92kW/115kVA |
| Standby Power | 100kW/125kVA |

| | | | |
|-------------------------|-------------|-----------------|--------------------------|
| Compression Ratio: | 17.3:1 | Aspiration: | Turbocharged&Aftercooled |
| Bore: | 102mm | Displacement | 5.9L |
| Stroke: | 120mm | No.of Cylinders | 6 |
| Emission Certification: | MEP STAGE I | Fuel System | BYC PB / |
| Governor Regulation: | ≅ 3% | | Electronic Governor |

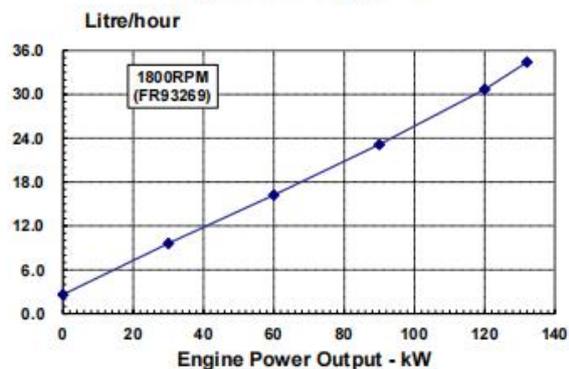
Engine Performance Data @ 1500 RPM

| OUTPUT POWER | | | FUEL CONSUMPTION | |
|-------------------------|-----|-----|------------------|-----|
| % | kW | HP | g/kW.h | L/h |
| STANDBY POWER | | | | |
| 100 | 116 | 155 | 212 | 30 |
| PRIME POWER | | | | |
| 100 | 106 | 142 | 211 | 27 |
| 75 | 80 | 107 | 212 | 20 |
| 50 | 53 | 71 | 219 | 14 |
| 25 | 27 | 36 | 248 | 8 |
| CONTINUOUS POWER | | | | |
| 100 | 56 | 75 | 218 | 15 |



Engine Performance Data @ 1800 RPM

| OUTPUT POWER | | | FUEL CONSUMPTION | |
|-------------------------|-----|-----|------------------|-----|
| % | kW | HP | g/kW.h | L/h |
| STANDBY POWER | | | | |
| 100 | 132 | 177 | 215 | 34 |
| PRIME POWER | | | | |
| 100 | 120 | 161 | 211 | 31 |
| 75 | 90 | 121 | 212 | 23 |
| 50 | 60 | 80 | 223 | 16 |
| 25 | 30 | 40 | 264 | 10 |
| CONTINUOUS POWER | | | | |
| TBD | TBD | TBD | TBD | TBD |



Alternator

| | |
|----------------------|--|
| Pole No. | 4-Pole |
| 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 |

- ✧ 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:2200*900*1500mm
Weight:1200kg

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)



Dimension:3000*1100*1700mm
Weight:2100kg
Fuel Tank Capacity:280L

Packing

- Wrapping film packaging
- Tray packaging
- plywood box packaging

Jiangsu Jianghao Generator Co.,Ltd

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