



Genset

| | |
|-----------------|----------------|
| Model | JHK-1375GF |
| Voltage | 277/480V |
| Frequency&Speed | 60HZ;1800RPM |
| Prime Power | 1100kW/1375kVA |
| Standby Power | 1260kW/1575kVA |

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

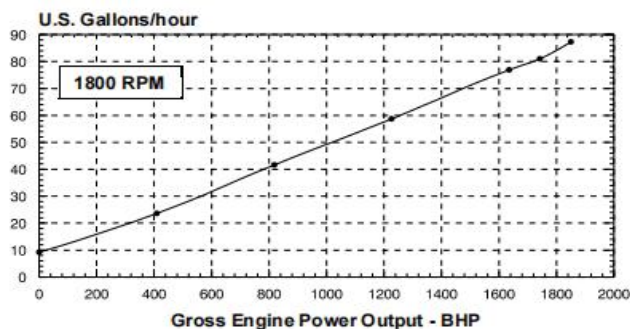
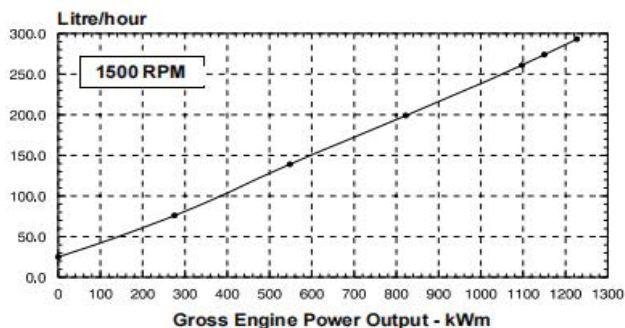
➤ Controller: DeepSea/SmartGen
/DEIF/ComAp

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



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

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

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