



Genset

| | |
|-----------------|--------------|
| Model | JHK-775GF |
| Voltage | 277/480V |
| Frequency&Speed | 60HZ;1800RPM |
| Prime Power | 620kW/775kVA |
| Standby Power | 680kW/850kVA |

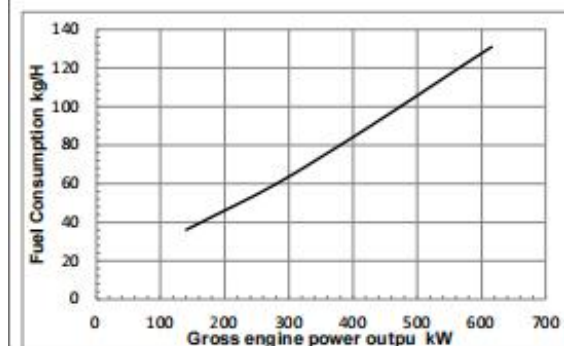
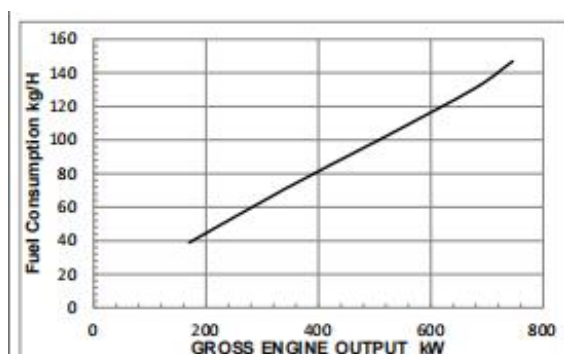
Compression Ratio: 15.5:1

Bore: 159 mm

Stroke: 159 mm

Emission Certification:

Governor Regulation: $\leq 3\%$



➤ **Engine: Cummins KT38-G**

➤ **Alternator: Stamford/Leroy Somer**
/Hengsheng

➤ **Controller: DeepSea/SmartGen**
/DEIF/ComAp

Aspiration: Turbocharged

Displacement 38L

No. of Cylinders 12

Fuel System Cummins PT

| OUTPUT POWER | | | CONSUMPTION | | BFSC | |
|----------------|------|-----|-------------|------|--------|----------|
| % | BHP | kW | Lb/h | kg/h | g/kW.h | Lb/BHP.h |
| 1800RPM | | | | | | |
| STANDBY | | | | | | |
| 100 | 1000 | 746 | 324 | 147 | 197 | 0.324 |
| PRIME | | | | | | |
| 100 | 910 | 679 | 289 | 131 | 193 | 0.317 |
| 75 | 682 | 509 | 221 | 100 | 197 | 0.324 |
| 50 | 455 | 340 | 156 | 71 | 208 | 0.343 |
| 25 | 227 | 170 | 86 | 39 | 229 | 0.378 |
| 1500RPM | | | | | | |
| STANDBY | | | | | | |
| 100 | 825 | 616 | 289 | 131 | 213 | 0.350 |
| PRIME | | | | | | |
| 100 | 750 | 560 | 262 | 119 | 213 | 0.350 |
| 75 | 563 | 420 | 195 | 88 | 210 | 0.346 |
| 50 | 375 | 280 | 132 | 60 | 214 | 0.352 |
| 25 | 188 | 140 | 80 | 36 | 258 | 0.424 |

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

- ✧ 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:4300*1800*2500mm
Weight:7100kg

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:5800*2300*2550mm
Weight:11000kg
Fuel Tank Capacity:1200L

Packing

- Wrapping film packaging
- Tray packaging
- plywood box packaging

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