



➤ **Engine: Perkins 2806A-E18TTAG4**

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

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

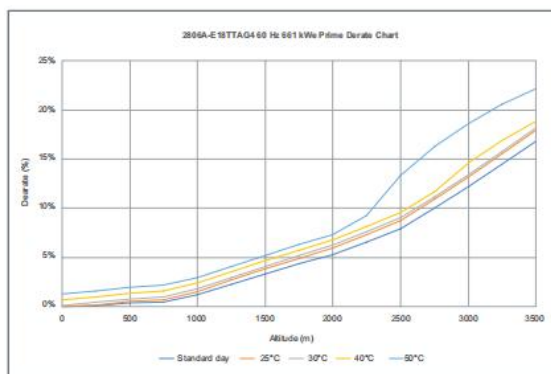
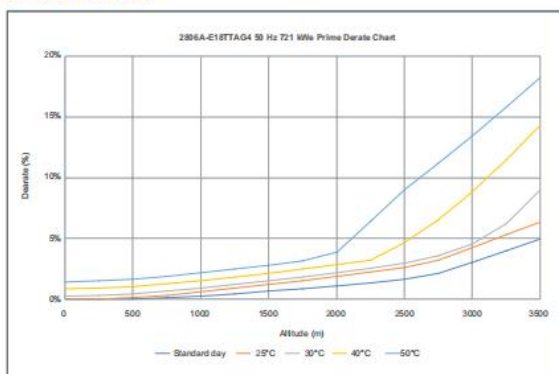
Genset

| | |
|-----------------|--------------|
| Model | JHP5-560GF |
| Voltage | 230/400V |
| Frequency&Speed | 50HZ;1500RPM |
| Prime Power | 565kW/706kVA |
| Standby Power | 627kW/784kVA |

No.of Cylinders 6
Bore: 145mm
Stroke: 183mm

Displacement 18.1 L
Lube oil 68 L

2806A-E18TTAG4



Generator Features

- ✧ The brushless, rotating-field generator has broadrange reconnectability.
- ✧ The pilot-excited, permanent-magnet generator (PMG) provides superior short-circuit capability
- ✧ Controllers are available for all applications. See controller features inside.
- ✧ The low coolant level shutdown prevents overheating (standard on radiator models only)
- ✧ Integral vibration isolation eliminates the need for under-unit vibration spring isolators.
- ✧ An electronic, isochronous governor delivers precise frequency regulation.
- ✧ Electronic engine controls and a generator microprocessor controller combine to deliver one of the most advanced control systems in today's generator market.

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 dripproof 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*1600*2200mm
Weight:5000kg

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:8900kg
Fuel Tank Capacity:1200L

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