



JIANGSU JIANGHAO GENERATOR CO.,LTD

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QUOTATION

Date:June 14, 2022

No.:JH220614QYH

1. 70kw Silent type Yangdong diesel generator

| Item no. | Description | Quantity | Unit Price | Amount Price |
|----------|---|----------|------------|--------------|
| 1 | 70kw Silent type Yangdong diesel generator with ATS and oil heater, water heater | 1 Unit | USD6,200 | USD6,200 |
| Total | FOB TAICANG USD 6,200 | | | |
| Remark | <p>Frequency:50Hz Voltage:230V/400V Phase:Three Genset power:87.5kva/70kw Genset model:JHYD-70GF YangDong engine:Y4110ZLD(Original and brand new, not copy or second hand) Hengsheng alternator:HSJ224G(Original and brand new, not copy or second hand) Smartgen controller:HGM6120(Original and brand new, not copy or second hand) Type:Silent Equipped with base fuel tank Battery brand:Camel maintenance free battery Silent cabinet:Pickling and phosphating treatment, antirust, anti-corrosion Package: Standard Export Package Delivery Time:3 working days after receiving the deposit Payment:30%TT as deposit,70% TT before shipment Warranty:1000 hours or 12 months,whatever occurs first Including battery,battery Connector,Shock absorbing pad,Muffler,etc Weight:1500kg Size:2400(L)*1000(W)*1550(H)mm</p> | | | |

2.Specification

General features:

- Engine:YangDong Y4110ZLD;
- Alternator:Hengsheng HSJ224G;
- Digital Controller:Smartgen HGM6120;
- Equipped with 50°C Fully copper radiator;
- Equipped with 24V DC Start motor;
- Equipped with 8 hours base fuel tank;
- Equipped with vibration Isolators between the engine/alternator and base frame;
- Equipped with high performance maintenance-free lead-acid starting batteries and battery switch;
- Equipped with industrial silencer and flexible exhaust hose;
- Designed to Comply with ISO9001&CE;
- Every generator set is subjected to a comprehensive test program which includes 50% load, 75% load,100% load, 110% load and the checking and proving of all control and safety shut-down functions;

| WEIGHT AND DIEMENSIONS | |
|------------------------|---------------------------|
| Size of Genset | 2400(L)*1000(W)*1550(H)mm |
| Weight of Genset | 1500kg |

| GENSET POWER | | | | |
|--------------|------|-------|--------------|--------------|
| Voltage | Hz | Phase | Power factor | Power |
| 230V/400V | 50Hz | 3 | 0.8 | 87.5kva/70kw |

Pictures for reference

Silent type(Color is optional)



| GENSET DATA | |
|--------------------------------------|----------------------|
| Generator set model | JHYD-70GF |
| Genset Power | 87.5kva/70kw |
| Rated voltage | 230V/400V |
| Mode of connection | 3 phase 4 wire |
| Rated frequency | 50Hz |
| Rated speed | 1500rpm |
| Steady-state voltage adjustment rate | $\leq \pm 0.5\%$ |
| Transient voltage adjustment rate | $\leq -15\% / +20\%$ |
| Voltage stabilization time | $\leq 1.5\text{sec}$ |
| Voltage fluctuation rate | $\leq 0.5\%$ |
| Voltage waveform distortion | $\leq 8\%$ |
| Steady frequency adjustment rate | $\leq 3\%$ |
| Transient frequency adjustment rate | $\leq 10\%$ |
| Frequency settling time | 3sec |
| Frequency fluctuation | $\leq 0.25\%$ |

| ENGINE DATA | |
|----------------------|----------------------------|
| Engine model | YangDong Y4110ZLD |
| Engine standby power | 80kw |
| No. of Cylinders | 4 Cylinders |
| Aspiration | Turbocharged |
| Bore*Stroke | 110mm*118mm |
| Compression Ratio | 18:1 |
| Cylinder arrangement | L Type |
| Cycle | 4 Stroke |
| Displacement | 4.484L |
| Combustion system | Direct Injection |
| Fuel consumption | 212g/kw.h |
| Lube System Capacity | 16L |
| Speed governor | Electric |
| Cooling system | Forced water cooling cycle |
| Steady speed droop | $\leq 1\%$ |
| Starter Motor | DC24V |

| ALTERNATOR DATA | |
|---------------------------|-------------------------|
| Alternator model | Hengsheng HSJ224G |
| Power | 87.5kva/70kw |
| Rated frequency | 50Hz |
| Rated speed | 1500rpm |
| Bearing Arrangement | Single |
| Material Insulation Class | H |
| Excitation System | Brushless, Self-excited |
| Ingress Protection | IP22 |
| Pole No. | 4 |
| Voltage adjust rang | ±5% |

CONTROL PANEL

The Smartgen HGM6120 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 gives digital readouts of:

- Generator voltage;
- Output frequency;
- Engine speed;
- Battery voltage;
- Engine hours run.

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

Automatic shutdown occurs under:

- Low engine oil pressure;
- High engine water temperature;
- Over speed/Low speed;
- Failure to start after three attempts.



Our factory have 24 hours online video, you can check our factory at your computer any time



Our factory





Present by JiangSu JiangHao Generator Co., Ltd.

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