**1. Technical parameter for NPT brand 10kW Gas Generator Set**

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| Generating set general Model | **10GFT** |
| Structure | integral |
| Exciting method | AVR Brushless  |
| Rated Power (kVA/kW) | 12.5/10 |
| Rated Current（A） | 18 |
| Rated Voltage（V） | 400/230 |
| Rated Frequency（Hz） | 50 |
| Rated Power Factor | 0.8 LAG |
| Overall dimension (L x W x H)(mm) | 1320X600X900 |
| Net weight (kg) | 500 |
| Gas Engine | Model | NQ15D1.5 |
| Type | In line 4stroke, electric control ignition, pre-mixed stoichiometry burn |
| ND159D32TL(300) | V type,4 strokes, electric control ignition, pre-mixed Lean burn, turbocharged after cooled |
| ND119D14(120) | V type 4 stroke, electric control ignition, pre-mixed stoichiometry burn |
| ND119D17TL(150) | V type 4 stroke, electric control ignition, pre-mixed lean burn, turbocharged after cooled |
| NW363D53TL(500) | In line, 4-stroke, electric control ignition, pre-mixed lean burn, turbocharged after cooled |
| Cylinder number | 3 |
| Bore x Stroke (mm) | 80x90 |
| Total displacement (L) | 1.5 |
| Rated Power (kW) | 13 |
| Rated Speed (r/min) | 1500 |
| Fuel type | gas |
| Control panel | NPT Brand10 KZY | LCD display |
| Circuit Breaker type |  ATS SKT1-20 |
| Control Module | Smartgen |
| Operation language | English |
| Alternator | Model | XN164C |
| Brand | MBH( Germany brand) |
| Shaft | Single bearing |
| Rated Power (kW) | 10.8 |
| Rating(kVA) | 13.5 |
| Enclosure protection | IP23 |
| Efficiency (%) | 80 |
| Application | Natural gas generator/biogas generator/ lpg generator/electricity generators/oilfield gas generator/biomass generator/gas generator/ gas engine |
| FOB Price | US $ 10,000 - 50,000 / Set |
| Port | Qingdao |
| Minimum Order Quantity | 1 Set/Sets |
| Supply Ability | 50 Set/Sets per Month |
| Packaging Details | Wood in case or customer's requirement |
| Delivery Detail | within 30 days after full payment |
| Specifications | 1.Deutz base engine 2.Easy installation &operation3.long life:15-20years 4.Powerful technical support and service |

**CE approved silent type Natural Gas generator price 10kW-300kW**

**Function:**

1. Adopt Genset controller with LCD display, taking microprocessor as the core.

2. Adopt ATS (automatic transfer switch) to achieve the automatic transfer from the generated electricity to grid electricity

3. The monitor and display on the voltage, current, frequency, active power, apparent power, power factor of the generated electricity /grid electricity

4. The monitor and display on the genset’s water temperature, oil pressure, rotational speed, battery voltage, running hours, accumulative total power and number of starts

5. Protection alarm and fault automatic storage on high water temperature, low oil pressure, double speeding, over current, over voltage, over frequency and phase failure etc.

**Optional devices:**

CHP device, soundproof cabinet, automatic grid parallel connection device, emergency cooling system etc

**Application area:**

Natural gas generator: Pipeline natural gas, liquid natural gas (LNG),coal mine industry, crude oil industry

Biogas generator: dairy and poultry farm, food processing ( starch, alcohol, palm oil ),industrial waste, Bio garbage processing, landfill

LPG generator: Crude oil industry

Biomass generator: agriculture straw, wood chips etc.