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**Gas Generator HA12R**

1. Powered by China made engine and China made alternator
2. Main gas system components (mixer, speed governor, ignition module and more) all are the most advanced imported ones, to makes sure more stable and reliable running;
3. ATS (Automatic Transfer Switch), grid-connection or parallel running is available;
4. Heat recovery system can be added to the gas generator to makes a CHP/co-generation unit
5. Long service life: gas engine has a life of over several years if it is properly operated and maintained
6. Low-operating cost: biogas has a rich reserve with low-cost and a high-rate of return
7. High-profit: low-operating and maintenance cost, able to output electricity and heat at the same time
8. Equipped with famous brush-less alternators (Leroy Somer, Stamford or Marathon and more)
9. Well performed control system, high-quality monitor instrument, with sound and light alarm devices, auto shutdown
10. Protection function: over-current, under-voltage, auto-regulate voltage, reverse power
11. Monitor functions: speed, water temperature, lube-oil temperature, lube-oil pressure, exhaust temperature
12. Technical data:
  - Gas consumption: less than 0.60m<sup>3</sup>/kWh
  - Supply connection: 3 phases, 4 wires
  - Normal Output:12kW/15kVA
  - Reserve Output:15kW/18.75kVA
  - Engine:465Q
  - Fuel Consumption 100%kw.m3/h:3.8
  - Net weight(kg):330
  - Dimensions (LWHmm):1100x750x820
  - Rated voltage: 400/220V
  - Rated speed: 1,500/1,800rpm
  - Rated frequency: 50/60Hz
  - Rated power factor: 0.8 lagging
  - Exciting way: brush-less, self-excitation
  - Starting mode: 24V DC electric starting system
  - Cooling mode: closed-circuit cooling system
  - Standards: CE, CSA
  - Warranty: 4,000 hours or one year, whichever comes first
  - Packing: gas generator export standard package