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## Gas Generator HAC85R

### Features:

- Low cost, high efficiency, compact structure, eco-friendly
- Heavy load durable, four-stroke, water cooled engine
- Excellent transient response

### Parameters:

- Prime Power:85kW / 106.25kVA
- Standby Power:95kW / 118.75kVA
- Advertised voltage: 380/220 and 400/230V
- Frequency: 50Hz
- Speed: 1,500rpm or 60Hz, 1,800rpm
- Power factor: 0.8 (lagging)
- Protection standard: IP210 to IP23
- Model of connection: 3 phase/4 lines
- Insulation grade: H
- Frequency drop:  $\leq 0.5\%$
- Transient state frequency deviation: (advertised power) +10 to -7%
- Frequency recovery time:  $\leq 3s$
- Voltage recovery time:  $\leq 4s$
- Waveform distortion:  $\leq 5\%$

### Engine:

- Cummins:6BT5.9
- Heavy load durable, four-stroke, water cooled engine
- Excellent transient response
- 24V DC safe isolate valve
- Dual spin-on paper element fuel filter
- Gen-sets equipped with dual flexible fuel union pipe
- Four valves per cylinder, stainless steel crankshaft, bolt, cast iron steel, replaceable humid cylinder liner

### Alternator:

- Engga EG225L-90N(Standard)/Stamford UCI274C(Option)
- Brushless, four-pole revolving field, single bearing and drop-proof screen protection
- Class H insulation
- IP21-IP23 protection standard
- Dynamically balanced rotor to BS 5625 grade 12.5
- High-quality lubrication sealed for long lifespan bearing
- Automatic voltage regulator (AVR)

## Control system:

- Completed gen-set parameter display, perfect protection and control function
- All English display, friendly operation interface
- Excellent anti-jamming function, adapt to extreme condition
- Independent overload protection
- Special on-off pre-warning system
- Unique sensors protection, adapt to all sensors
- Emergency

# HAMAC