

## Open frame diesel generator HAC315G



Note: The photos of generator are only for your reference.

**Model:HAC315G**

Standard Working Condition: Working temperature $\leq 45^{\circ}\text{C}$ ; Altitude $\leq 1525\text{m(N,K)}$ ; Relative Humidity $\leq 60\%$

|                     |                                 |  |
|---------------------|---------------------------------|--|
| GENERATOR           | Gen-set Model                   | GSC315G  |
|                     | (Standby Power                  | 315kW  |
|                     | (Prime Power                    | 280 kW   |
|                     | (A)Rated Current                | 505 A  |
|                     | Power Factor                    | 0.8LAG   |
|                     | Phase Wire                      | (3P4W)   |
|                     | (V)Output Voltage               | 230V/400V  |
|                     | Frequency(HZ)                   | 50HZ   |
|                     | Dimension (Length×Width×Height) | 2900×1000×1750 (mm)                              |
| Net Weight          | 2570kg                          |  |
| DIESEL<br>ENGINE    | Diesel Engine Model             | NTA855-G4 (CCEC)                                 |
|                     | Diesel Engine                   | Inline six-cylinder、Four stroke、Direct injection |
|                     | Air intake Way                  | Turbo, Intercooler                               |
|                     | Continuous Power                | 310kW  |
|                     | Standby Power                   | 343kW  |
|                     | Bore × Stroke                   | 140 mm X152 mm                                   |
|                     | Displacement                    | 14L  |
|                     | Speed                           | 1500r/min  |
|                     | Starting Way                    | 24V (Electric Motor Starters)                    |
|                     | Min fuel Consumption            | 206g/kW.h  |
|                     | Oil Consumption                 | 0.15L/h  |
|                     | Cooling Way                     | Closed cooling system                            |
|                     | Compression Rate                | 14.0: 1  |
|                     | Oil Pan Capacity                | 36/28.4L   |
|                     | Max Exhaust Back Pressure       | 10.1kpa  |
| L/S Air intake Flow | 375                             |  |
| L/S Exhaust Flow    | 986                             |  |

|                         |                                      |                                    |         |
|-------------------------|--------------------------------------|------------------------------------|---------|
|                         | Exhaust Temperature                  | 553℃                               |         |
| AC Alternator           | Generator Model                      | MP-280-4 (Marathon)                |         |
|                         | Excitation Way                       | Self-excited、Brushless             |         |
|                         | Cooling Way                          | Axial、Self-ventilated              |         |
|                         | Insulation Level                     | H                                  |         |
|                         | Voltage Fluctuation Ratio            | ≤±0.5%                             |         |
|                         | Voltage Recovery Time                | <1S                                |         |
|                         | Frequency Fluctuation Ratio          | ≤±0.25%                            |         |
| Control System          | Controller Model                     | GU641CC Harsen H·K                 |         |
|                         | Control Module Model                 |                                    |         |
|                         | Oil pressure under normal work       | Idle Speed                         | 650rpm  |
|                         |                                      | Rated Speed                        | 1500rpm |
|                         | Normal Cooling Water Temperature     | 86℃                                |         |
|                         | Low oil pressure alarm level         | 140kpa                             |         |
|                         | High Coolant temperature alarm level | 98℃                                |         |
|                         | Starting way                         | Self-startup/Manual/Remote Control |         |
| Communication Interface |                                      |                                    |         |