

## DIESEL GENERATOR SET TECHNICAL DATA

| MINYUAN GENERATOR SET MODEL          | GF-CC550   |                |
|--------------------------------------|--|----------------|
|                                      | Prime output   | Standby output |
| Generator power (KW)                 | 500  | 550            |
| Generator power (KVA)                | 625  | 688            |
| Max.Engine power (KW)                | 610  |                |
| Engine Model                         | KTAA19-G6A   |                |
| Manufacturer                         | CUMMINS CCEC   |                |
| Cylinder Arrangement                 | 6 in line  |                |
| Cooling System                       | Water-cooled, radiator 40 °C max, fans are driven by belt, with safety guard |                |
| Governor Type                        | Electronic   |                |
| Starting System                      | 24V one way start  |                |
| Engine Filter                        | Dry type air filter, fuel filter, oil filter                                 |                |
| Fuel System                          | A type fuel pump   |                |
| Displacement (L)                     | 18.9   |                |
| Compression Ratio                    | 13.0:1   |                |
| Rated RPM                            | 1500   |                |
| Bore and Stroke (mm)                 | 159x159  |                |
| 100% (Prime power)load (L/h)         | 103  | 113.3          |
| Air Flow (m <sup>3</sup> /s)         | 10800  |                |
| Burning Capacity (m <sup>3</sup> /s) | 570  |                |
| Exhaust Gas Flow (m <sup>3</sup> /s) | 2054   |                |
| Exhaust Temperature (°C)             | 584  |                |
| Total Oil Capacity (L)               | 50   |                |
| Total Coolant Capacity (L)           | 116.5  |                |
| Alternator model                     | TFW -550   |                |
| Manufacturer                         | MINYUAN  |                |
| Opening switch                       | MCCB Air switch  |                |
| Rated voltage/frequency              | 400/230V; 50Hz   |                |
| Voltage Adjust range                 | < 5%   |                |
| Voltage Regulation                   | ≥ 95% - 105%   |                |
| Voltage Regulation, Steady State     | < ±1%  |                |
| Exciter Type                         | Brushless, self-exciting   |                |
| Insulation Class/Protection Grade    | Class H/IP23   |                |
| Efect factor of telecom TIF/THF      | TIF<50/THF<2%  |                |
| Connecting type                      | 3 phase and 4 wires, "Y" type connecting                                     |                |
| Random accessories                   | Battery, battery's cable, Ripple flex exhaust, exhaust siphon, flange        |                |
| Open type - Overall size (mm)        | 3700x1570x2080   |                |
| Weight (kg)                          | 4550   |                |
| Soundproof type - Overall size (mm)  | 5030x1860x2550   |                |
| Weight (kg)                          | 6500   |                |

*Note: Specifications may change without notice*