

DIESEL GENERATOR SET TECHNICAL DATA

| MINYUAN GENERATOR SET MODEL | GF-S500 | |
|-------------------------------------|--|----------------|
| | Prime output | Standby output |
| Generator power (KW) | 450 | 500 |
| Generator power (KVA) | 563 | 625 |
| Max.Engine power (KW) | 505/550 | |
| Engine Model | 12V135BZLD1 | |
| Manufacturer | SHANGCHAI | |
| Cylinder Arrangement | 12 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) | 25.8 | |
| Compression Ratio | 17.3:1 | |
| Rated RPM | 1500 | |
| Bore and Stroke (mm) | 135x155 | |
| 100% (Prime power)load (L/h) | 96.8 | |
| Total Oil Capacity (L) | 57.4 | |
| Alternator model | TFW-500 | |
| 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 | |
| Random accessories | Battery, battery's cable, Ripple flex exhaust, exhaust siphon, flange | |
| Open type - Overall size (mm) | 3950x1750x2200 | |
| Weight (kg) | 4500 | |
| Soundproof type - Overall size (mm) | 4900x2100x2520 | |
| Weight (kg) | 4980 | |

Note: Specifications may change without notice