

DIESEL GENERATOR SET TECHNICAL DATA

| MINYUAN GENERATOR SET MODEL | GF-P20 | |
|-------------------------------------|--|----------------|
| | Prime output | Standby output |
| Generator power (KW) | 18 | 20 |
| Generator power (KVA) | 22.5 | 25 |
| Max.Engine power (KW) | 30.8 | |
| Engine Model | 1003G | |
| Manufacturer | PERKINS | |
| Cylinder Arrangement | 3 in line | |
| Cooling System | Water-cooled, radiator 40 °C max, fans are driven by belt, with safety guard | |
| Governor Type | Mechanical or Electronic | |
| Starting System | 12/24V one way start | |
| Engine Filter | Dry type air filter, fuel filter, oil filter | |
| Fuel System | A type fuel pump | |
| Displacement (L) | 2.99 | |
| Compression Ratio | 16.5:1 | |
| Rated RPM | 1500 | |
| Bore and Stroke (mm) | 100 x 127 | |
| 100% (Prime power)load (L/h) | 4.72 | |
| Total Oil Capacity (L) | 8.1 | |
| Total Coolant Capacity (L) | 21 | |
| Alternator model | TFW-20 | |
| 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 | |
| Effect 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) | 1680x700x1250 | |
| Weight (kg) | 802 | |
| Soundproof type - Overall size (mm) | 2220x1010x1580 | |
| Weight (kg) | 1200 | |

Note: Specifications may change without notice