

TECHNICAL DATA

| Generating set | | HBG1000 | | HBG2000 | | HBG3500 | | |
|---|------------|--|---------|---|---------|--|------|------|
| Rated frequency | Hz | 50 | 60 | 50 | 60 | 50 | 60 | 60 |
| Prime power | kVA | 0.9 | | 1.8 | | 3.5 | | |
| Standby power | kVA | 1.0 | | 2.0 | | 3.8 | | |
| Rated voltage | V | 230 | 120/240 | 230 | 120/240 | 230 | 120 | 240 |
| Rated current | A | 3.9 | 7.5/3.8 | 7.8 | 15/7.5 | 15.2 | 29.1 | 14.6 |
| Rated rotation speed | r/min | 5500 | | 5000 | | 3600 | | |
| DC output | | 12V-5.0A | | 12V-5.0A | | 12V-5.0A | | |
| Power factor | COSΦ | 1 | | 1 | | 1 | | |
| Phase number | | Single phase | | Single phase | | Single phase | | |
| Engine | | | | | | | | |
| Engine type | | RG144F | | RG160F | | RG170F | | |
| Structure type | | Single cylinder, 4-stroke, air cooled,overhead valve | | Single cylinder, 4-stroke, air cooled,overhead camshaft | | Single cylinder, 4-stroke, air cooled,overhead valve | | |
| Bore×stroke | mm | 43.5×35.8 | | 60×40 | | 70×55 | | |
| Displacement | L | 0.053 | | 0.113 | | 0.212 | | |
| Compression ratio | | 7.6 : 1 | | 9.1 : 1 | | 8.5 : 1 | | |
| Rated power | kW/(r/min) | 1.35/5500 | | 2.3/5000 | | 4.5/3600 | | |
| Lube capacity | L | 0.2 | | 0.4 | | 0.6 | | |
| Ignition system | | T.C.I | | T.C.I | | T.C.I | | |
| Spark plug | | NGK CR7HSA | | NGK CR7HSA | | TORCH F7RTC | | |
| Starting system | | Recoil starter | | Recoil starter | | Recoil starter,electric system | | |
| Battery capacity | | - | | - | | 12V - 9Ah | | |
| Fuel type | | Vehicle lead-free petrol | | Vehicle lead-free petrol | | Vehiclelead-free petrol | | |
| Lowest fuel consumption(g/KW.h) | g/kW.h | 420 | | 420 | | 395 | | |
| Genset | | | | | | | | |
| Fuel consumption | g/kW.h | 550 | | 550 | | 500 | | |
| Fuel tank capacity | L | 3 | | 4.4 | | 13 | | |
| Continuous running time(hr)(rated output) | h | 4.4 | | 3.3 | | 6.3 | | |
| Noise(unload-full load) | dB(A)/7m | 62 - 67 | | 64 - 69 | | 60-65 | | |
| Overall dimensions | mm | 460×260×395 | | 530×290×430 | | 645×430×520 | | |
| Net weight | kg | 13.7 | | 23 | | 41 | | |
| Structure type | | Portable, silent | | Portable, silent | | Silent | | |