

**Generator set**

|                      |       |           |           |
|----------------------|-------|-----------|-----------|
| Rated frequency      | Hz    | 50        | 60        |
| Rated power          | kVA   | 4.5       | 5.0       |
| Max. power           | kVA   | 5.0       | 5.5       |
| Rated voltage        | V     | 115/230   | 120/240   |
| Rated current        | A     | 39.1/19.6 | 41.7/20.8 |
| Rated rotation speed | r/min | 3000      | 3600      |

**Generator**

|                  |     |   |   |
|------------------|-----|---|---|
| Pole No.         |     |   | 2 |
| Phase number     |     | Single phase                                    |   |
| Excitation mode  |     | Self-exciation and constant voltage(with i-AVR) |   |
| Power factor     | COS |   | 1 |
| Insulation grade | mm  | F   |   |

**Genset**

|                    |               |                |     |
|--------------------|---------------|----------------|-----|
| Panel type         |               | General panel  |     |
| Output             | Receptacle    | 2-Single phase |     |
| Output             | Connection po | without        |     |
| Nosie level(7m)    | dB(A)         |                | 72  |
| Fue tank capacity  | L             |                | 15  |
| Overall dimensions | mm            | 910×530×740    |     |
| Net weight         | kg            |                | 145 |

**Engine**

|                             |        |  |       |
|-----------------------------|--------|--|-------|
| Engine type                 |        | RD186FAGET   |       |
| Structure type              |        | Single-cylinder, vertical, 4-stroke, air-cooled, direct-injected |       |
| Bore x stroke               | mm     | 86×72  |       |
| Displacement                | L      | 0.418  |       |
| Compression ratio           | mm     | 0.792361111  |       |
| Rated power                 | kW     | 5.7  | 6.3   |
| Lubrication                 |        | Pressure splashed  |       |
| Lube oil brand              |        | Above CD or SAE 10W-30, 15W-40                                   |       |
| Lube capacity               | L      | 1.65   |       |
| Starting system             |        | 12V Electric starter   |       |
| Charging generator capacity | V-Ah   | 12V 36Ah   |       |
| Fuel consumption ratio      | g/kW.h | 260.8  | 265.7 |
| Fuel type                   |        | Diesel : 0# (summer), -10# (winter), -35# (chillness)            |       |