

Specification for egi Series Inverter generator

| Model | | eG100i | eG140i | |
|----------------------|--|--|----------------------|------|
| Frequency(Hz) | | 50 / 60 | | |
| GENERATOR | Output Stand-by power rating(kVA) | 7.5 | 11 | |
| | Output Stand-by power rating(kW) | 7.5 | 11 | |
| | Output Prime power rating(kVA) | 7 | 10.2 | |
| | Output Prime power rating(kW) | 7 | 10.2 | |
| | Voltage(V) | 220(110,120,230,240) | | |
| | Current(Prime)(A) | 31.8(63.6,58.3,29.2) | 46.4(92.7,85.0,42.5) | |
| | Phase and wire | Single Phase, 2 wire | | |
| | Power factor(%) | 100 | | |
| | Insulation class | Class B | | |
| | No. of poles | Multipole | | |
| | Excitation | PMG type | | |
| Inverter | Control system | CVCF (Voltage & frequency control system) | | |
| | Voltage wave | Sine wave | | |
| Engine | Type | Vertical, 4-cycle, water-cooled diesel | | |
| | Model | 2TNV70- ASG | 3TNM68-ASG | |
| | No. of Cycles-borexstroke(mm) | 2-70x74 | 3-68x72 | |
| | Displacement(lit.) | 0.57 | 0.784 | |
| | Continuous rating output (kW/min-1(rpm)) | 8.4 / 3600 | 12.5/3600 | |
| | Rated output (kW/min-1(rpm)) | 9.3/3600 | 13.8/3600 | |
| | Revolutions (min-1(rpm)) | 2300 - 3400 | | |
| | Combustion system | Indirect injection(IDI) | | |
| | Cooling system | Radiator | | |
| | Aspiration | Natural Aspiration | | |
| | Lubricating system | Forced lubrication by trochoid pump | | |
| | Starting system | Electric starting | | |
| | Fuel | Diesel fuel(BS2869A1 or equivalent) | | |
| | Lubricant | SAE 10W - 30, API class: CD or higher | | |
| | Cooling water qty Engine(lit.) | 0.9 | 1 | |
| | Cooling water qty Radiator(lit.) | 1.6 | 1.2 | |
| | Lubricant qty Total(lit.) | 2.2 | 3.2 | |
| | Lubricant qty Effective(lit.) | 1 | 1.5 | |
| | Starting motor(V-kW) | 12 - 1.0 | 12 - 1.2 | |
| | Charging dynamo(V-A) | Dec-40 | | |
| | Battery(5HR)(V-AH) | 12 - 36(46B24L or 55B24L) | | |
| | Fuel consumption 25% load(lit./hr) | 1.1 | 1.6 | |
| | Fuel consumption 50% load(lit./hr) | 1.6 | 2.3 | |
| | Fuel consumption 75% load(lit./hr) | 2.2 | 3.2 | |
| | Fuel consumption 100% load(lit./hr) | 3 | 4.3 | |
| | Unit | Noise level(7m) 25% load(dB(A)) | 63.5 | 64 |
| | | Noise level(7m) 70% load(dB(A)) | 65.5 | 66 |
| | | Noise level(7m) 100% load(dB(A)) | 67.5 | 68 |
| | | Fuel tank capacity(lit.) | 30 | 40.7 |
| | | Dry weight(kg) | 257 | 281 |