

| <b>PARAMETERS</b>                              | <b>DG MODELS</b>                      |
|--|---------------------------------------|
| Genset Prime Rating (kVA) *                    | 315                                   |
| Duty (Standby/ Prime)                          | Standby                               |
| Power Rating @ 100% kWe (in KW)                | 252                                   |
| No. of Phases                                  | 3 Ph                                  |
| Output Voltage (V)                             | 415                                   |
| Power Factor (lagging)                         | 0.8                                   |
| Current (A)                                    | 438.2                                 |
| Frequency (Hz) & RPM                           | 50/1500                               |
| Governing Class                                | G2 as per ISO 8528 part 5             |
| Genset dimensions (L x W x H) in mm            | 5225 X 1700 X 3248 ( inslde Silencer) |
| Genset Weight (Kg) Approx.                     | 6500                                  |
| <b>Engine Specification</b>                    |                                       |
| Make   | Generac                               |
| Model  | G14.2 L                               |
| Rated Power at 100%Load (HP)                   | 370                                   |
| Aspiration                                     | Turbocharged, Aftercool               |
| No. of cylinders                               | 6                                     |
| Bore x Stroke (mm)                             | 135 X 165                             |
| Displacement (Ltr)                             | 14.2                                  |
| Fuel consumption @ 75% load (kg/hr) **         | 41.0                                  |
| Fuel consumption @ 100% load (kg/hr)**         | 54.3                                  |
| Starting system                                | 24 V DC Electrical                    |
| Lube oil specification                         | API CG4 15W40                         |
| Total lubrication system capacity(Ltr)         | 34.4                                  |
| Lube oil consumption @ full load <sup>\$</sup> | 0.062                                 |
| Lube oil change period (hrs.)                  | 500                                   |
| Radiator coolant capacity (Ltr)                | 34.4                                  |
| <b>Alternator</b>                              |                                       |
| Make   | LS                                    |
| Enclosure Type                                 | IP 23                                 |
| Voltage regulation                             | +/- 1% with 4% engine Governing       |
| Class of insulation                            | Class H                               |
| Maximum Unbalanced Load across Phases(%)       | 25                                    |

Above specifications are subject to change without notice due to continuous technical developments.

\* A tolerance value of +/-5% will be applicable on declared power values

. \*\* A tolerance of +5% shall be applicable on fuel consumption values on account of product to product variation due to engine & + 3% of tolerance due to alternator product to product variation

Gas Density : 0.667 Kg/m<sup>3</sup>