

# GENERATOR

## DCA-300SPK3

|                                |                 |   |     |
|--------------------------------|-----------------|---|-----|
| BRAND                          |                 | DENYO                                   |     |
| MODEL                          |                 | DCA-300SPK3                             |     |
| <b>ALTERNATOR</b>              |                 |   |     |
| CLASS                          | SOUNDPROOF TYPE |   |     |
| Frequency (Hz)                 |                 | 50                                      | 60  |
| Output Rating(kVA)             | Continuous      | 270                                     | 300 |
|                                | Standby         | 297                                     | 330 |
| No.of Phases                   |                 | 3-phase,4-Wire                          |     |
| Rated Voltage V                |                 | Dual Voltage                            |     |
| Power Factor                   |                 | 0.8 (Lagging)                           |     |
| Voltage Regulation             |                 | Within $\pm 0.5$                        |     |
| Excitation                     |                 | Brushless,Rotating Exciter(With A.V.R.) |     |
| Insulation                     |                 | Class F                                 |     |
| <b>SOUND LEVEL</b>             |                 |   |     |
| 7m dB(A) 1,500/1,800 rpm (min) |                 | 68                                      | 71  |

|                                  |                                      |   |          |
|----------------------------------|--------------------------------------|---|----------|
| <b>ENGINE</b>                    |                                      |   |          |
| Make, Model                      |                                      | Komatsu SA6D125E-2-A                              |          |
| Type                             |                                      | Inlined,Direct Injected, Turbocharged,Aftercooled |          |
| Rated output                     | PS/rpm                               | 361/1500  | 350/1800 |
|                                  | kW/rpm                               | 232/1500  | 257/1800 |
| No.of cylinders-BoreXStroke (mm) |                                      | 6-125x150   |          |
| Piston Displacement (L)          |                                      | 11.04   |          |
| Fuel                             | ASTM No. 2 Diesel Fuel or Equivalent |   |          |
| Fuel Consumption (L/h)           |                                      | 43.6  | 50       |
| Lube Oil Sump Capacity (L)       |                                      | 62  |          |
| Coolant Capacity (L)             |                                      | 37  |          |
| Battery X Quantity               |                                      | 145G51x2  |          |
| Fuel tank Capacity               |                                      | 490   |          |
| <b>UNIT</b>                      |                                      |   |          |
| Dimensions                       | Length (mm)                          | 3,750   |          |
|                                  | Width (mm)                           | 1,400   |          |
|                                  | Height (mm)                          | 1,800   |          |
| Dry Weight (kg)                  |                                      | 4,160   |          |

