

**DIESEL GENERATOR - 3000rpm**  
**Technical Data-Silent type**

| Generator                  |                | DHY13500SE                   | DHY13500SE-3                 |
|----------------------------|----------------|------------------------------|------------------------------|
| Rated Power                | kVA            | 10                           | 12.5                         |
| Max. Power                 | kVA            | 11                           | 13.75                        |
| Phase/Wire                 |                | 1 phase / 2 wires            | 3 phases / 4 wires           |
| Voltage                    | V              | 220                          | 220 / 380                    |
| Voltage fluctuation        |                | ±1%                          | ±1%                          |
| Frequency                  | Hz             | 50                           | 50                           |
| Frequency fluctuation      |                | ±5%                          | ±5%                          |
| Current                    | A              | 45                           | 19                           |
| Display                    |                | LED 5                        | LED 5                        |
| Fuel tank capacity         | L              | 60                           | 60                           |
| Fuel Consumption           | L/h            | 4.83                         | 4.83                         |
| Sound level (@7m 75% load) | dBA            | 76                           | 76                           |
| Battery Charger            | V              | 12                           | 12                           |
| Engine                     |                | LA290                        | LA290                        |
| Engine type                |                | 4 stroke, diesel, air cooled | 4 stroke, diesel, air cooled |
| Power                      | hp             | 22.0                         | 22.0                         |
| Compression ratio          |                | 19:1                         | 19:1                         |
| Bore*Stroke                |                | 90*75                        | 90*75                        |
| Number of cylinder         |                | V-Twin                       | V-Twin                       |
| Start                      |                | Electric                     | Electric                     |
| Displacement               | cc             | 836                          | 836                          |
| Oil capacity               | L              | 1.7                          | 1.7                          |
| Alternator                 |                | AL12                         | AL12-3                       |
| Power                      | kVA            | 12                           | 13                           |
| Power Factor               |                | 1                            | 0.8                          |
| Voltage Regulator          |                | Brush / AVR                  | Brush / AVR                  |
| Dimension and weight       |                |                              |                              |
| Net weight                 | kg             | 295                          | 300                          |
| Machine size (L*W*H)       | mm             | 1160*675*945                 | 1160*675*945                 |
| Capacity                   | unit/container | 48/20GP; 94/40GP; 144/40HQ   |                              |



| Optional Accessories                                                                                                  | Electrical and Mechanical standards                                       | Recommended spare part                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| <br>ATS control box (50A)          | 1 phase (2x16A European sockets); 3-phase (1x16A European sockets)        | <br>Air filter core     |
|                                                                                                                       | LED 5 displays: voltage, current, frequency, power, running time          |                                                                                                              |
| <br>Remote controller / ATS sensor | Earth connection                                                          | <br>Fuel filter element |
|                                                                                                                       | ATS connector                                                             |                                                                                                              |
|                                                                                                                       | Key electric start                                                        |                                                                                                              |
|                                                                                                                       | Intergrate steel tank coated with electrostatic paint                     |                                                                                                              |
|                                                                                                                       | Solid built and strong frame with anti-vibration and electrostatic coated |                                                                                                              |
|                                                                                                                       | Mechanical transmission: direct drive with a coaxial coupling             |                                                                                                              |
|                                                                                                                       | Other standards                                                           |                                                                                                              |
|                                                                                                                       | Available woking conditions:                                              |                                                                                                              |
|                                                                                                                       | • Climate : tropical hot                                                  |                                                                                                              |
|                                                                                                                       | • Environmental temperature: 0-40°C                                       |                                                                                                              |
|                                                                                                                       | • Humidity: 0-85%                                                         |                                                                                                              |