

| Genset Model         |                   | ZCDL-V94                                                                                                                                      |     | ZCDL-V109     |     | ZCDL-V142       |     | ZCDL-V165                         |     | ZCDL-V206       |     | ZCDL-V220 |     | ZCDL-V275      |     | ZCDL-V358      |     | ZCDL-V415      |     | ZCDL-V450 |     | ZCDL-V500      |     | ZCDL-V550      |     | ZCDL-V625 |      | ZCDL-V700      |     |
|----------------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-----|---------------|-----|-----------------|-----|-----------------------------------|-----|-----------------|-----|-----------|-----|----------------|-----|----------------|-----|----------------|-----|-----------|-----|----------------|-----|----------------|-----|-----------|------|----------------|-----|
|                      |                   | PRP                                                                                                                                           | ESP | PRP           | ESP | PRP             | ESP | PRP                               | ESP | PRP             | ESP | PRP       | ESP | PRP            | ESP | PRP            | ESP | PRP            | ESP | PRP       | ESP | PRP            | ESP | PRP            | ESP | PRP       | ESP  | PRP            | ESP |
| Gen Power (KW)       |                   | 68                                                                                                                                            | 75  | 80            | 87  | 104             | 114 | 120                               | 132 | 150             | 165 | 160       | 176 | 200            | 220 | 260            | 286 | 304            | 332 | 328       | 360 | 360            | 400 | 400            | 440 | 456       | /505 | 505            | 560 |
| Engine Power (KW)    |                   | 78                                                                                                                                            | 85  | 92            | 102 | 116             | 129 | 138                               | 153 | 165             | 183 | 181       | 201 | 225            | 250 | 295            | 323 | 335            | 366 | 364       | 399 | 398            | 441 | 441            | 484 | 496       | 547  | 553            | 613 |
| Engine Model         |                   | TD520GE                                                                                                                                       |     | TAD531GE      |     | TAD532GE        |     | TAD731GE                          |     | TAD732GE        |     | TAD733GE  |     | TAD734GE       |     | TAD941GE       |     | TAD1343GE      |     | TAD1344GE |     | TAD1345GE      |     | TAD1641GE      |     | TAD1642GE |      | TWD1643GE      |     |
| Engine Manufacturer  |                   | VOLVO PENTA                                                                                                                                   |     |               |     |                 |     |                                   |     |                 |     |           |     |                |     |                |     |                |     |           |     |                |     |                |     |           |      |                |     |
| Engine Structure     |                   | 4 in line, 4 stroke, turbocharged                                                                                                             |     |               |     |                 |     | 6 in line, 4 stroke, turbocharged |     |                 |     |           |     |                |     |                |     |                |     |           |     |                |     |                |     |           |      |                |     |
|                      |                   |                                                                                                                                               |     | Air-Air Cool  |     | Air-Air Cool    |     | Air-Air Cool                      |     |                 |     |           |     |                |     |                |     |                |     |           |     |                |     |                |     |           |      | Water-Air Cool |     |
| Cooling System       |                   | 55 <sup>o</sup> C max radiator, fan belt drive, with safety guard                                                                             |     |               |     |                 |     |                                   |     |                 |     |           |     |                |     |                |     |                |     |           |     |                |     |                |     |           |      |                |     |
| Governor             |                   | Heinzman Mechanical                                                                                                                           |     |               |     | EDC4 Electronic |     | Heinzman Mech                     |     | EDC4 Electronic |     |           |     | EMS2 System    |     |                |     |                |     |           |     |                |     |                |     |           |      |                |     |
| Starting             |                   | 24V DC Start, with charging alternator                                                                                                        |     |               |     |                 |     |                                   |     |                 |     |           |     |                |     |                |     |                |     |           |     |                |     |                |     |           |      |                |     |
| Displacement (L)     |                   | 4.76                                                                                                                                          |     |               |     |                 |     | 7.15                              |     |                 |     |           |     |                |     | 9.36           |     |                |     | 12.78     |     |                |     |                |     | 16.12     |      |                |     |
| Bore X Stroke (mm)   |                   | 108×130                                                                                                                                       |     |               |     |                 |     |                                   |     |                 |     |           |     |                |     | 120×138        |     |                |     | 131×158   |     |                |     |                |     | 144×165   |      |                |     |
| Compression Ratio    |                   | 17.5                                                                                                                                          |     | 18            |     | 18              |     | 18                                |     | 18              |     | 18        |     | 17             |     | 17.4           |     | 18.1           |     | 18.1      |     | 18.1           |     | 16.5           |     | 16.5      |      | 16.5           |     |
| Fuel Cons 100% (L/h) |                   | 19.6                                                                                                                                          |     | 23.8          |     | 29.5            |     | 35.3                              |     | 41.8            |     | 46.5      |     | 53.4           |     | 70.9           |     | 72.4           |     | 80.2      |     | 89             |     | 104.5          |     | 118.7     |      | 131            |     |
| Oil Cons             |                   | 0.07                                                                                                                                          |     | 0.08          |     | 0.08            |     | 0.1                               |     | 0.08            |     | 0.09      |     | 0.01           |     | 0.04           |     | 0.04           |     | 0.04      |     | 0.04           |     | 0.1            |     | 0.1       |      | 0.1            |     |
| Air Cons (m³/min)    |                   | 4.8                                                                                                                                           |     | 5.7           |     | 7.55            |     | 9.86                              |     | 11.4            |     | 11.5      |     | 16.1           |     | 17.7           |     | 27             |     | 28        |     | 27.6           |     | 35.5           |     | 38        |      | 43.65          |     |
| Exhaust Gas (m³/min) |                   | 15.4                                                                                                                                          |     | 16.7          |     | 21.2            |     | 27.5                              |     | 31.9            |     | 31.8      |     | 33             |     | 46.5           |     | 60             |     | 67.5      |     | 58.3           |     | 85             |     | 92.6      |      | 101.6          |     |
| Exhaust Tem (°C)     |                   | 610                                                                                                                                           |     | 544           |     | 507             |     | 520                               |     | 529             |     | 510       |     | 495            |     | 519            |     | 420            |     | 465       |     | 570            |     | 443            |     | 471       |      | 450            |     |
| Oil Capacity (L)     |                   | 13                                                                                                                                            |     |               |     |                 |     | 20                                |     | 34              |     |           |     | 29             |     | 35             |     | 36             |     |           |     |                |     | 48             |     |           |      | 48             |     |
| Coolant Capacity (L) |                   | 22                                                                                                                                            |     | 19.7          |     | 20.2            |     | 23.8                              |     | 37.1            |     |           |     | 32             |     | 41             |     | 44             |     |           |     |                |     | 60             |     |           |      | 128            |     |
| Power Output         |                   | MCCB, with short circuit protection                                                                                                           |     |               |     |                 |     |                                   |     |                 |     |           |     |                |     |                |     |                |     |           |     |                |     |                |     |           |      |                |     |
| Alternator Data      |                   | Voltage Regulation (idle load): ≥±5%; Voltage Regulation(stable state): ≤±1%; Insulation Class/Protection Grade: H/IP23; TIF<50/THF<2%        |     |               |     |                 |     |                                   |     |                 |     |           |     |                |     |                |     |                |     |           |     |                |     |                |     |           |      |                |     |
| Accessories          |                   | Starting batteries(Maintenance-Free & Watering-Free), a set of connective wires, a suit of ripple flex exhaust pipe, exhaust siphon, muffler; |     |               |     |                 |     |                                   |     |                 |     |           |     |                |     |                |     |                |     |           |     |                |     |                |     |           |      |                |     |
| Dimension (mm)       |                   | 2080×680×1450                                                                                                                                 |     | 2080×750×1450 |     |                 |     | 2400×870×1450                     |     | 2550×1050×1500  |     |           |     | 2650×1120×1595 |     | 2950×1120×1595 |     | 3100×1100×1630 |     |           |     | 3205×1115×1800 |     | 3300×1160×2000 |     |           |      | 3400×1397×1950 |     |
| Weight (kg)          |                   | 1090                                                                                                                                          |     | 1150          |     | 1250            |     | 1560                              |     | 1600            |     | 1600      |     | 2400           |     | 2700           |     | 2850           |     | 2850      |     | 3200           |     | 3800           |     | 3850      |      | 4050           |     |
| C/<br>W<br>ta<br>nk  | Dimension (mm)    | 2080×940×1550                                                                                                                                 |     | 2080×920×1550 |     |                 |     | 2400×920×1550                     |     | 2600×1050×1770  |     |           |     | 2650×1120×1670 |     | 2950×1120×1770 |     | 3100×1120×1850 |     |           |     | 3205×1115×1800 |     | 3300×1270×2030 |     |           |      | 3400×1397×2100 |     |
|                      | Weight (kg)       | 1290                                                                                                                                          |     | 1350          |     | 1400            |     | 1760                              |     | 1800            |     |           |     | 2700           |     | 3000           |     | 3100           |     | 3100      |     | 3300           |     | 4150           |     | 4200      |      | 4400           |     |
|                      | Fuel capacity (L) | 110                                                                                                                                           |     | 145           |     | 145             |     | 240                               |     | 230             |     |           |     | 240            |     | 440            |     | 510            |     |           |     | 550            |     | 700            |     |           |      |                |     |
| Soundproof Dim(mm)   |                   | 2760×1140×1830                                                                                                                                |     |               |     |                 |     | 3230×1170×1800                    |     | 3590×1250×2050  |     |           |     |                |     | 4225×1460×2150 |     |                |     |           |     | 4630×1660×2250 |     |                |     |           |      | 5030×1660×2550 |     |

- PRP: Prime Power – Continuous duty operation, under variable load 24/24H-10%, over load permissible 1 hour/12hours;
- ESP: Standby Power Duty, operation under variable load, without over load;
- The data is only for your reference, but not for use of sales.