



SDG13S



SDG25S



SDG45S



SDG60S



SDG100S



SDG125S/150S



SDG220S



SDG300S



SDG400S



SDG500S



SDG610S

SPECIFICATIONS

| Model                         |        | SDG13S<br>-3B1                                                    |            | SDG25S<br>-3B1 |                  | SDG45S<br>-3A8 |          | SDG60S<br>-3A6                 |          | SDG100S<br>-3A5 |                | SDG125S<br>-3A6 |                | SDG150S<br>-3A6 |              |                                             |  |
|-------------------------------|--------|-------------------------------------------------------------------|------------|----------------|------------------|----------------|----------|--------------------------------|----------|-----------------|----------------|-----------------|----------------|-----------------|--------------|---------------------------------------------|--|
| ● Generator                   |        |                                                                   |            |                |                  |                |          |                                |          |                 |                |                 |                |                 |              |                                             |  |
| Frequency                     | Hz     | 50                                                                | 60         | 50             | 60               | 50             | 60       | 50                             | 60       | 50              | 60             | 50              | 60             | 50              | 60           |                                             |  |
| Rated Output                  | kVA    | 10.5                                                              | 13         | 20             | 25               | 37             | 45       | 50                             | 60       | 80              | 100            | 100             | 125            | 125             | 150          |                                             |  |
| Voltage                       | V      | 50Hz : 200 or 380 or 400 or 415 , 60Hz : 220 or 440(Dual Voltage) |            |                |                  |                |          |                                |          |                 |                |                 |                |                 |              |                                             |  |
| Power Factor                  | %      | 80                                                                |            |                |                  |                |          |                                |          |                 |                |                 |                |                 |              |                                             |  |
| Class of rating               |        | Continuous                                                        |            |                |                  |                |          |                                |          |                 |                |                 |                |                 |              |                                             |  |
| Exciting Method               |        | Brushless (with A.V.R.)                                           |            |                |                  |                |          |                                |          |                 |                |                 |                |                 |              |                                             |  |
| No. of Phase                  |        | 3-Phase,4-Wire                                                    |            |                |                  |                |          |                                |          |                 |                |                 |                |                 |              |                                             |  |
| ● Diesel Engine               |        |                                                                   |            |                |                  |                |          |                                |          |                 |                |                 |                |                 |              |                                             |  |
| Make and Model                |        | Kubota D1503-K3A                                                  |            |                | Kubota V2403-K3A |                |          | Kubota V3800-DI-T-K2B          |          |                 | Isuzu BB-4BG1T |                 | Isuzu DD-6BG1T |                 | Hino J08C-UP | Hino J08C-UD                                |  |
| No. of Cylinder               |        | 3                                                                 |            |                | 4                |                |          | 4                              |          |                 | 4              |                 | 6              |                 | 6            |                                             |  |
| Type(4Cycle,Water-Cooled)     |        | Swirl Chamber                                                     |            |                |                  |                |          | Direct Injection,Turbo charged |          |                 |                |                 |                |                 |              | Direct Injection, Turbo charged,Intercooled |  |
| Total Displacement            | L      | 1.499                                                             |            |                | 2.434            |                |          | 3.769                          |          |                 | 4.329          |                 | 6.494          |                 | 7.961        |                                             |  |
| Rated Output                  | PS(kW) | 15.6(11.5)                                                        | 18.6(13.7) | 26(19.1)       | 32(23.7)         | 51.7(38.0)     | 62(45.6) | 65.4(48.1)                     | 78(57.4) | 100(73.6)       | 124(91.2)      | 131(96.3)       | 153(112.7)     | 160(118)        | 190(140)     |                                             |  |
| Speed                         | rpm    | 1,500                                                             | 1,800      | 1,500          | 1,800            | 1,500          | 1,800    | 1,500                          | 1,800    | 1,500           | 1,800          | 1,500           | 1,800          | 1,500           | 1,800        |                                             |  |
| Fuel                          |        | Diesel Fuel Oil                                                   |            |                |                  |                |          |                                |          |                 |                |                 |                |                 |              |                                             |  |
| Fuel Tank Capacity            | L      | 58                                                                |            |                | 70               |                |          | 100                            |          |                 | 135            |                 | 225            |                 | 250          |                                             |  |
| Fuel Consumption(50/75%Load)  | L/hr   | 1.8/2.4                                                           | 2.2/3.0    | 3.0/4.0        | 3.8/5.0          | 4.4/6.4        | 5.5/8.0  | 6.0/8.6                        | 7.5/10.5 | 10.2/14.5       | 13.2/19.0      | 11.5/16.4       | 15.3/21.0      | 14.7/19.4       | 17.7/24.3    |                                             |  |
| Lubricating Oil Capacity      | L      | 6.5                                                               |            |                | 9.5              |                |          | 13.2                           |          |                 | 14             |                 | 18             |                 | 24.5         |                                             |  |
| Cooling Water Capacity        | L      | 5.7                                                               |            |                | 7.0              |                |          | 11                             |          |                 | 15             |                 | 24             |                 | 22           |                                             |  |
| Battery(Capacity 5hrs)        | (Ah)   | 80D26R(55)×1                                                      |            |                | 80D26R(55)×1     |                |          | 80D26R(55)×1                   |          |                 | 80D26R(55)×1   |                 | 95D31R(64)×2   |                 | 95D31R(64)×2 |                                             |  |
| ● Dimensions & Weight         |        |                                                                   |            |                |                  |                |          |                                |          |                 |                |                 |                |                 |              |                                             |  |
| Overall Length                | mm     | 1,480                                                             |            |                | 1,550            |                |          | 1,870                          |          |                 | 2,090          |                 | 2,600          |                 | 2,990        |                                             |  |
| Overall Width                 | mm     | 650                                                               |            |                | 700              |                |          | 860                            |          |                 | 860            |                 | 1,000          |                 | 1,180        |                                             |  |
| Overall Height                | mm     | 950                                                               |            |                | 980              |                |          | 1,220                          |          |                 | 1,220          |                 | 1,400          |                 | 1,480        |                                             |  |
| Net Dry Mass                  | kg     | 520                                                               |            |                | 610              |                |          | 900                            |          |                 | 1,120          |                 | 1,640          |                 | 2,050        |                                             |  |
| Operating Mass                | kg     | 580                                                               |            |                | 680              |                |          | 1,010                          |          |                 | 1,260          |                 | 1,870          |                 | 2,300        |                                             |  |
| ● Sound Level                 |        |                                                                   |            |                |                  |                |          |                                |          |                 |                |                 |                |                 |              |                                             |  |
| Sound power level in decibels | dB     | 83                                                                |            |                | 90               |                |          | 87                             |          |                 | 90             |                 | 91             |                 | 92           |                                             |  |
| Sound pressure level *1       | dB(A)  | 56                                                                | 57         | 59             | 63               | 57             | 60       | 59                             | 63       | 61              | 64             | 63              | 65             | 63              | 66           |                                             |  |

\* For other voltages than above-mentioned ones, contact us.  
\* 1 7m in four directions from machine and at no load

SPECIFICATIONS

| Model                         |        | SDG220S<br>-3A6                                                    |           | SDG300S<br>-3A6       |           | SDG400S<br>-3A6 [-3A7]         |           | SDG500S<br>-3A6                             |           | SDG610S<br>-3AK6               |            |
|-------------------------------|--------|--------------------------------------------------------------------|-----------|-----------------------|-----------|--------------------------------|-----------|---------------------------------------------|-----------|--------------------------------|------------|
| ● Generator                   |        |                                                                    |           |                       |           |                                |           |                                             |           |                                |            |
| Frequency                     | Hz     | 50                                                                 | 60        | 50                    | 60        | 50                             | 60        | 50                                          | 60        | 50                             | 60         |
| Rated Output                  | kVA    | 200                                                                | 220       | 270                   | 300       | 350                            | 400       | 450                                         | 500       | 555                            | 610        |
| Voltage                       | V      | 50Hz : 200 or 380 or 400 or 415 , 60Hz : 220 or 440 (Dual Voltage) |           |                       |           |                                |           |                                             |           |                                |            |
| Power Factor                  | %      | 80                                                                 |           |                       |           |                                |           |                                             |           |                                |            |
| Class of rating               |        | Continuous                                                         |           |                       |           |                                |           |                                             |           |                                |            |
| Exciting Method               |        | Brushless (with A.V.R.)                                            |           |                       |           |                                |           |                                             |           |                                |            |
| No. of Phase                  |        | 3-Phase,4-Wire                                                     |           |                       |           |                                |           |                                             |           |                                |            |
| ● Diesel Engine               |        |                                                                    |           |                       |           |                                |           |                                             |           |                                |            |
| Make and Model                |        | Mitsubishi 6D24-TLE2B                                              |           | Komatsu SAA6D125E-2-B |           | Komatsu SA6D140E-3-A           |           | Komatsu SAA6D140E-3-B                       |           | Komatsu SA6D170-A-1            |            |
| No. of Cylinder               |        | 6                                                                  |           |                       |           |                                |           |                                             |           |                                |            |
| Type(4Cycle,Water-Cooled)     |        | Direct Injection,Turbo charged,Intercooled                         |           |                       |           | Direct Injection,Turbo charged |           | Direct Injection, Turbo charged,Intercooled |           | Direct Injection,Turbo charged |            |
| Total Displacement            | L      | 11.94                                                              |           | 11.04                 |           | 15.24                          |           | 15.24                                       |           | 23.15                          |            |
| Rated Output                  | PS(kW) | 246(181)                                                           | 270(199)  | 315(232)              | 349(257)  | 421(310)                       | 485(357)  | 519(382)                                    | 581(427)  | 669(485)                       | 763(561)   |
| Speed                         | rpm    | 1,500                                                              | 1,800     | 1,500                 | 1,800     | 1,500                          | 1,800     | 1,500                                       | 1,800     | 1,500                          | 1,800      |
| Fuel                          |        | Diesel Fuel Oil                                                    |           |                       |           |                                |           |                                             |           |                                |            |
| Fuel Tank Capacity            | L      | 390                                                                |           | 490                   |           | 490                            |           | 490                                         |           | 490                            |            |
| Fuel Consumption(50/75%Load)  | L/hr   | 22.5/31.8                                                          | 26.2/36.3 | 30.0/43.1             | 34.3/50.6 | 39.7/56.6                      | 46.7/65.3 | 48.4/69.2                                   | 55.3/78.3 | 61.8/87.5                      | 71.7/101.2 |
| Lubricating Oil Capacity      | L      | 37                                                                 |           | 62                    |           | 79                             |           | 91.5                                        |           | 119                            |            |
| Cooling Water Capacity        | L      | 39                                                                 |           | 43.5                  |           | 69                             |           | 91.5                                        |           | 141                            |            |
| Battery(Capacity 5hrs)        | (Ah)   | 170F51(120)×2                                                      |           | 170F51(120)×2         |           | 225H52(176)×2                  |           | 225H52(176)×2                               |           | 225H52(176)×2                  |            |
| ● Dimensions & Weight         |        |                                                                    |           |                       |           |                                |           |                                             |           |                                |            |
| Overall Length                | mm     | 3,700                                                              |           | 3,900                 |           | 4,150                          |           | 4,550                                       |           | 4,650                          |            |
| Overall Width                 | mm     | 1,300                                                              |           | 1,400                 |           | 1,400                          |           | 1,600                                       |           | 1,600                          |            |
| Overall Height                | mm     | 1,670                                                              |           | 1,760                 |           | 2,040                          |           | 2,090                                       |           | 2,350                          |            |
| Net Dry Mass                  | kg     | 3,240                                                              |           | 3,790                 |           | 5,120 [5,050]                  |           | 6,170                                       |           | 7,320                          |            |
| Operating Mass                | kg     | 3,630                                                              |           | 4,290                 |           | 5,670 [5,590]                  |           | 6,750                                       |           | 7,960                          |            |
| ● Sound Level                 |        |                                                                    |           |                       |           |                                |           |                                             |           |                                |            |
| Sound power level in decibels | dB     | 94                                                                 |           | 98                    |           | 99                             |           | 99                                          |           | 102                            |            |
| Sound pressure level *1       | dB(A)  | 65                                                                 | 65        | 66                    | 69        | 67                             | 70        | 67                                          | 70        | 69                             | 72         |

\* For other voltages than above-mentioned ones, contact us.  
\* 1 7m in four directions from machine and at no load