

AIRMAN®



SDG13S



SDG25S



SDG45S



SDG60S



SDG100S



SDG125S/150S

■ SPECIFICATIONS

| Model | SDG13S -3B1 | | SDG25S -3B1 | | SDG45S -3A8 | | SDG60S -3A6 | | SDG100S -3A5 | | SDG125S -3A6 | | SDG150S -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 | | 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 | | 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 | | 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 | | 24.5 | |
| Cooling Water Capacity | L | 5.7 | | 7.0 | | 11 | | 15 | | 24 | | 22 | | 22 | |
| Battery(Capacity 5hrs) | (Ah) | 80D26R(55)×1 | | 80D26R(55)×1 | | 80D26R(55)×1 | | 80D26R(55)×1 | | 95D31R(64)×2 | | 95D31R(64)×2 | | 95D31R(64)×2 | |
| ● Dimensions & Weight | | | | | | | | | | | | | | | |
| Overall Length | mm | 1,480 | | 1,550 | | 1,870 | | 2,090 | | 2,600 | | 2,990 | | 2,990 | |
| Overall Width | mm | 650 | | 700 | | 860 | | 860 | | 1,000 | | 1,180 | | 1,180 | |
| Overall Height | mm | 950 | | 980 | | 1,220 | | 1,220 | | 1,400 | | 1,480 | | 1,480 | |
| Net Dry Mass | kg | 520 | | 610 | | 900 | | 1,120 | | 1,640 | | 2,050 | | 2,180 | |
| Operating Mass | kg | 580 | | 680 | | 1,010 | | 1,260 | | 1,870 | | 2,300 | | 2,430 | |
| ● Sound Level | | | | | | | | | | | | | | | |
| Sound power level in decibels | dB | 83 | | 90 | | 87 | | 90 | | 91 | | 92 | | 94 | |
| 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