



SDG13S



SDG25S



SDG45S



SDG220S



SDG300S



SDG60S



SDG100S



SDG125S/150S



SDG400S



SDG500S



SDG610S

■ 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

■ SPECIFICATIONS

Model	SDG220S -3A6		SDG300S -3A6		SDG400S -3A6 [-3A7]		SDG500S -3A6		SDG610S -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