



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		
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 -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

Environmental Containment Onsite Type
SDG-F Series



SPECIFICATIONS

Model		SDG13S -7B1		SDG25S -7B1		SDG45S -7A8		SDG60S -7A6		SDG100S -7B1		SDG125S -7B1		SDG150S -7B1		SDG220S -7A6									
● Generator																									
Frequency	Hz	50	60	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	200	220								
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 BI-4HK1X			Isuzu BI-4HK1X			Isuzu BI-6HK1X			Mitsubishi 6D24-TLE2B		
No. of Cylinder		3			4			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			5.193			5.193			7.79			11.94		
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)	131(96.3)	154(113.6)	131(96.3)	154(113.6)	162(119)	193(142)	246(181)	271(199)								
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	1,500	1,800								
Fuel		Diesel Fuel Oil																							
Fuel Tank Capacity	L	95			145			325			400			740			740			815			980		
Fuel Consumption(50/75%Load)	L/hr	1.8/2.4	2.2/3.0	3.0/4.0	3.8/5.0	4.6/6.4	5.7/8.0	6.0/8.6	7.5/10.5	8.9/13.2	12.3/17.8	11/16	15.3/21.8	14.9/22.2	18/24.8	22.5/31.8	26.2/36.3								
Continuous operationhours (50/75%Load)	hr	53/40	43/32	48/36	38/29	71/51	57/41	67/47	53/38	83/56	60/42	67/46	48/34	55/37	45/33	44/31	37/27								
Lubricating Oil Capacity	L	6.5			9.5			13.2			14.0			20.5			20.5			38			37		
Cooling Water Capacity	L	5.7			7.0			11.0			15.0			21.5			21.5			28.3			39		
Battery(Capacity 5hrs)	(Ah)	80D26R(55)×1			80D26R(55)×1			80D26R(55)×1			80D26R(55)×1			170F51(120)×1			170F51(120)×1			95D31R(64)×2			170F51(120)×2		
● Dimensions & Weight																									
Overall Length	mm	1,480			1,550			1,870			2,050			2,450			2,450			3,190			3,550		
Overall Width	mm	650			700			860			860			1,180			1,180			1,180			1,300		
Overall Height	mm	1,160			1,240			1,590			1,630			1,830			1,830			1,880			2,150		
Net Dry Mass	kg	560			685			1,050			1,290			2,095			2,145			2,725			3,660		
Operating Mass	kg	670			820			1,340			1,650			2,750			2,800			3,460			4,550		
● Sound Level																									
Sound power level in decibels	dB	83			88			85			89			91			92			95			95		
Sound pressure level *1	dB(A)	55	58	59	61	56	58	59	61	60	64	60	64	64	68	66	67								

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* 1 7m in four directions from machine and at no load

ULTRA SUPER SILENT
Environmental Containment Onsite Type
SDG-AS-F Series



SPECIFICATIONS

Model		SDG25AS -7B1		SDG45AS -7B1		SDG60AS -7A6	
● Generator							
Frequency	Hz	50	60	50	60	50	60
Rated Output	kVA	20	25	37	45	50	60
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 V2403-K3A		Kubota V3800-DI-T-K3A		Isuzu BB-4BG1T	
No. of Cylinder		4		4		4	
Type(4Cycle,Water-Cooled)		Swirl Chamber		Direct Injection,Turbo charged			
Total Displacement	L	2.434		3.769		4.329	
Rated Output	PS(kW)	26(19.1)	32(23.7)	51.7(38.0)	62(45.6)	65.4(48.1)	78(57.4)
Speed	rpm	1,500	1,800	1,500	1,800	1,500	1,800
Fuel		Diesel Fuel Oil					
Fuel Tank Capacity	L	195		325		400	
Fuel Consumption(50/75%Load)	L/hr	3.0/4.0	3.8/5.0	4.7/6.5	5.9/8.2	6.0/8.6	7.5/10.5
Coutinuous operationhours (50/75%Load)	hr	65/49	51/39	69/49	55/40	67/47	53/38
Lublicating Oil Capacity	L	9.5		13.2		14.0	
Cooling Water Capacity	L	9.0		11.0		15.0	
Battery(Capacity 5hrs)	(Ah)	80D26R(55)×1		80D26R(55)×1		80D26R(55)×1	
● Dimensions & Weight							
Overall Length	mm	1,570		1,995		2,080	
Overall Width	mm	800		950		1,000	
Overall Height	mm	1,380		1,670		1,640	
Net Dry Mass	kg	800		1,210		1,370	
Operating Mass	kg	980		1,500		1,725	
● Sound Level							
Sound power level in decibels	dB	82		82		83	
Sound pressure level *1	dB(A)	51	54	52	54	54	56

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