

• STANDARD



Item	Model	Standard Type								
		SDG13S-3B1		SDG25S-3B1		SDG45S-3B2		SDG45SE-3B2		
Generator										
Frequency	Hz	50	60	50	60	50	60	50	60	
Power Supply		Dual Voltage						Single Voltage		
3phase 4wires 400V Class	Prime output	kVA	10.5	13	20	25	37	45	37	45
	Standby output	kVA	11.55	14.3	22	27.5	37	45	37	45
	Voltage	V	400	440	400	440	400	440	400	440
	Ampere	A	15.15	17.05	28.9	32.8	53.4	59	53.4	59
3phase 4wires 200V Class	Prime output	kVA	10.5	13	20	25	37	45	—	—
	Standby output	kVA	11.55	14.3	22	27.5	37	45	—	—
	Voltage	V	200	220	200	220	200	220	—	—
	Ampere	A	30.3	34.1	57.7	65.6	107	118	—	—
Pole	P	4								
Power Factor		3-phase 0.8 (lagging) / Single-phase 1.0								
Diesel Engine										
Model name		KUBOTA D1503-K3A		KUBOTA V2403-K3A		KUBOTA V3600-T-K3A		KUBOTA V3600-T-K3A		
System		3Cylinder, Swirl chamber		4Cylinder, Swirl chamber		4Cylinder, Swirl chamber, Turbo-Charged				
Total displacement	L	1.499		2.434		3.620		3.620		
Rated output	kW	11.5	13.7	19.1	23.7	35.0	42.5	35.0	42.5	
Rated rotation speed	min ⁻¹	1,500	1,800	1,500	1,800	1,500	1,800	1,500	1,800	
Use fuel		Diesel oil								
Fuel tank capacity	L	58		70		100		100		
Fuel consumption	50% Load	L/hr	1.9	2.4	3.0	3.8	4.9	6.1	4.9	6.1
	70% Load	L/hr	2.4	3.0	4.0	5.0	6.9	8.4	6.9	8.4
Engine Oil volume	L	6.5		9.5		13.2		13.2		
Coolant water volume	L	5.7		7.0		11		11		
Battery × unit		80D26R×1		80D26R×1		80D26R×1		80D26R×1		
Weight Dimension										
Length × Width × Height	mm	1,480×650×950		1,550×700×980		1,870×860×1,220		1,870×860×1,220		
Dry(Operating) weight	kg	520 (580)		610 (680)		910 (1,020)		910 (1,020)		
Emission, Noise										
Sound Power level LwA	dB	80	83	86	90	86	88	86	88	
Sound pressure level (7m 4direction/no load)	dB (A)	55	57	59	63	58	61	58	61	
Emission control		JPN Stage 3								

※ Sound power level is measured at 60Hz, no load and rated speed of revolution.
 ※ Above figures are applied under operation in standard atmosphere conditions as per JIS D0006.
 ※ "Standby Output" rating is applied only under intermittent or emergency operation for approximately 1 hour.

• STANDARD



Item	Model	Standard Type								
		SDG60S-3B1		SDG100S-3B1		SDG125S-3B1		SDG150S-3B1		
Generator										
Frequency	Hz	50	60	50	60	50	60	50	60	
Power Supply		Dual Voltage								
3phase 4wires 400V Class	Prime output	kVA	50	60	80	100	100	125	125	150
	Standby output	kVA	55	66	88	110	110	137.5	137.5	165
	Voltage	V	400	440	400	440	400	440	400	440
	Ampere	A	72.2	78.7	115	131	144	164	180	197
3phase 4wires 200V Class	Prime output	kVA	50	60	80	100	100	125	125	150
	Standby output	kVA	55	66	88	110	110	137.5	137.5	165
	Voltage	V	200	220	200	220	200	220	200	220
	Ampere	A	144	157	231	262	289	328	361	394
Pole	P	4								
Power Factor		3-phase 0.8 (lagging) / Single-phase 1.0								
Diesel Engine										
Model name		ISUZU BJ-4JJ1X		ISUZU BI-4HK1X		ISUZU BI-4HK1X		ISUZU BH-6HK1X		
System		4Cylinder, Direct-Injection, Turbo-Charged, Intercooled							6Cylinder, Direct-Injection, Turbo-Charged, Intercooled	
Total displacement	L	2.999		5.193		5.193		7.79		
Rated output	kW	51.6	61.0	96.3	113.6	96.3	113.6	119	142	
Rated rotation speed	min ⁻¹	1,500	1,800	1,500	1,800	1,500	1,800	1,500	1,800	
Use fuel		Diesel oil								
Fuel tank capacity	L	125		220		250		250		
Fuel consumption	50% Load	L/hr	5.7	7.1	8.9	12.3	11.0	15.3	14.9	18.0
	70% Load	L/hr	8.1	10.2	13.2	17.8	16.0	21.8	22.2	24.8
Engine Oil volume	L	15		20.5		20.5		38		
Coolant water volume	L	11.5		21.5		21.5		28.3		
Battery × unit		95D31R×1		170F51×1		170F51×1		95D31R×2		
Weight Dimension										
Length × Width × Height	mm	2,080×1,000×1,220		2,460×1,180×1,380		2,690×1,180×1,380		3,190×1,180×1,470		
Dry(Operating) weight	kg	1,110 (1,240)		1,700 (1,930)		1,820 (2,070)		2,210 (2,480)		
Emission, Noise										
Sound Power level LwA	dB	87	90	88	92	90	92	92	95	
Sound pressure level (7m 4direction/no load)	dB (A)	58	62	60	64	61	64	63	66	
Emission control		JPN Stage 3								

※ Sound power level is measured at 60Hz, no load and rated speed of revolution.
 ※ Above figures are applied under operation in standard atmosphere conditions as per JIS D0006.
 ※ "Standby Output" rating is applied only under intermittent or emergency operation for approximately 1 hour.