

AIRMAN® SPECIFICATIONS

GENERATOR SPECIFICATIONS	SDG13LAX-BE1	SDG25S-BE1	SDG40S-BE1	SDG45S-BE2	SDG65S-BE1	SDG125S-BE1	SDG150S-BE1	SDG220S-BE1	SDG400S-BE1
ALTERNATOR TYPE	AIRMAN						TAIYO	STAMFORD	TAIYO
ARMATURE CONNECTION	Star with Neutral / Zig Zag								
NUMBER OF POLES	4-Pole								
INSULATION	Class F								
EXCITATION	Brushless with AVR								
VOLTAGE REGULATOR	± 0.5%								
POWER FACTOR	0.8								
FREQUENCY	60 Hz								
PRIME POWER	12.5 kVA / 10 kW	25 kVA / 20 kW	36 kVA / 28.8 kW	45 kVA / 36 kW	65 kVA / 51 kW	125 kVA / 100 kW	150 kVA / 120 kW	220 kVA / 176 kW	400 kVA / 320 kW
STANDBY POWER	13.8 kVA / 11 kW	27.5 kVA / 22 kW	37.8 kVA / 30.2 kW	48.5 kVA / 38.8 kW	69.3 kVA / 55.4 kW	137.5 kVA / 110 kW	165 kVA / 132 kW	242 kVA / 194 kW	420 kVA / 336 kW
VOLTAGE (SINGLE-PHASE)	120V / 240V (Simultaneous)	120V / 240V / 277V (Switchable)						120V / 127V / 139V / 240V / 254V / 277V (Link Board)	
VOLTAGE (THREE-PHASE)	208V / 240V (Simultaneous)	208V / 240V / 416V / 480V (Switchable)						208V / 220V / 240V / 416V / 440V / 480V (Link Board)	
AMPERAGE									
SINGLE-PHASE (120V)	40 A x 2	60 A x 2	108 A x 2	108 A x 2	152 A x 2	300 A x 2	363 A x 2	491 A x 2	893 A x 2
SINGLE-PHASE (240V)	40 A	60 A	108 A	108 A	152 A	300 A	363 A	491 A	893 A
THREE-PHASE (208V)	30 A	65 A	95 A	119 A	167 A	328 A	394 A	608 A	1048 A
THREE-PHASE (240V)	30 A	60 A	86 A	108 A	152 A	300 A	361 A	529 A	962 A
THREE-PHASE (480V)	N/A	30 A	43 A	54 A	76 A	150 A	180 A	264 A	481 A
ENGINE SPECIFICATIONS									
ENGINE	Kubota D1503	Isuzu 4LE2T	Kubota V2403-CR-T	Isuzu 4LE2X	Isuzu 4JJ1X	Isuzu BR-4HK1X	J. Deere 6068HFG05	J. Deere 6068HFG06	Isuzu 6WG1X
EPA EMISSION LEVEL	Tier 4 Final								
DIESEL ENGINE TYPE / CYLINDERS	4-cycle, liquid-cooled direct injection / 3	4-cycle, liquid-cooled direct injection turbocharged / 4	4-cycle, liquid-cooled direct injection turbocharged air-to-air intercooled / 4	4-cycle, liquid-cooled direct injection turbocharged / 4	4-cycle, liquid-cooled direct injection turbocharged intercooled / 4	4-cycle, liquid-cooled direct injection turbocharged air-to-air intercooled / 4	4-cycle, liquid-cooled direct injection turbocharged intercooled / 6	4-cycle, liquid-cooled direct injection turbocharged air-to-air intercooled / 6	6-cycle, liquid-cooled direct injection turbocharged intercooled / 6
OUTPUT @ RATED SPEED (1800 rpm)	18.4 HP	33.3 HP	44.9 HP	57.7 HP	86.5 HP	147.9 HP	235 HP	323 HP	457.7 HP
ENGINE SPEED	1800 rpm								
GOVERNOR TYPE	Electronic								
INTEGRAL FUEL TANK CAPACITY	26.4 gal	51.5 gal	84.5 gal	80.5 gal	111 gal	168 gal	204 gal	285 gal	491 gal
SPILL CONTAINMENT	110%								
DEF TANK CAPACITY	N/A	N/A	N/A	N/A	7.4 gal	7.4 gal	11.7 gal	11.7 gal	25 gal
LUBRICATING OIL CAPACITY	1.72 gal	2.75 gal	2.6 gal	3.1 gal	4.1 gal	6.1 gal	8.7 gal	8.7 gal	15.8 gal
COOLANT CAPACITY	1.72 gal	2.75 gal	2.5 gal	2.5 gal	3.4 gal	6.7 gal	7.1 gal	8.1 gal	19.8 gal
BATTERY	12V x 1, 12V System								12V x 2, 24V System
FUEL CONSUMPTION									
FULL LOAD	1.0 gal/hr	1.6 gal/hr	2.3 gal/hr	2.8 gal/hr	3.9 gal/hr	7.2 gal/hr	8.5 gal/hr	12.1 gal/hr	23.1 gal/hr
75% LOAD	0.77 gal/hr	1.3 gal/hr	1.7 gal/hr	2.1 gal/hr	3.1 gal/hr	5.4 gal/hr	6.9 gal/hr	9.5 gal/hr	17.4 gal/hr
50% LOAD	0.65 gal/hr	1.0 gal/hr	1.2 gal/hr	1.5 gal/hr	2.3 gal/hr	3.9 gal/hr	5.1 gal/hr	6.8 gal/hr	12.1 gal/hr
RUNTIME @ FULL LOAD	27.7 hours	32 hours	37 hours	28.75 hours	28.5 hours	23.3 hours	24.0 hours	23.55 hours	21.3 hours
WEIGHTS & DIMENSIONS									
L x W x H WITHOUT TRAILER	55" x 26" x 46"	67" x 31" x 55"	74.8" x 38.2" x 61.4"	74.8" x 38.2" x 61.4"	97" x 39" x 67"	113.4" x 51.2" x 72.8"	129.9" x 51.2" x 84.6"	137.8" x 51.2" x 87.4"	177" x 59" x 107.5"
L x W x H WITH TRAILER	120" x 60" x 60"	119" x 54" x 62"	144" x 70" x 73"	144" x 70" x 73"	160" x 74" x 84.25"	194" x 83.75" x 89"	211" x 83.75" x 100.6"	219" x 83.75" x 103.4"	270" x 92" x 127"
GVWR	1,995 lb	2,849 lb	4,247 lb	4,519 lb	5,414 lb	8,352 lb	9,838 lb	11,021 lb	19,602 lb
TRAILER WEIGHT	494 lb	644 lb	1,182 lb	1,182 lb	1,225 lb	1,650 lb	1,350 lb	1,365 lb	2,650 lb
DRY / OPERATING WEIGHT (GEN. ONLY)	1,290 lb / 1,500 lb	1,808 lb / 2,205 lb	2,426 lb / 3,065 lb	2,954 lb / 3,337 lb	3,307 lb / 4,189 lb	5,379 lb / 6,702 lb	6,878 lb / 8,488 lb	7,452 lb / 9,656 lb	13,206 lb / 17,042 lb
SOUND LEVEL @ 23 FT (NO/FULL LOAD)	58 / 61 dBA	57 / 63 dBA	57 / 61 dBA	57 / 61 dBA	59 / 65 dBA	66 / 67 dBA	61 / 67 dBA	63 / 69 dBA	67 / 70 dBA

All specifications are subject to change without prior notice. Visit anacorp.com for the most current information.

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877-823-2722

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