

GA-Series Generator Specifications — 2.3 to 9.7 KW

MODEL	GA-2.3R2	GA-2.5H	GA-3.6RZ3	GA-3.6HZ	GA-6RZ2	GA-6RZR2	GA-6HZ	GA-6HZR	GA-9.7HZ
GENERATOR									
Design	Brushless								
Maximum Output	2,300 W	2,500 W	3,600 W	3,600 W	6,000 W	6,000 W	6,000 W	6,000 W	9,700 W
Continuous Output	2,000 W	2,200 W	3,200 W	3,200 W	5,000 W	5,000 W	5,000 W	5,000 W	8,400 W
Voltage	120	120	120/240	120/240	120/240	120/240	120/240	120/240	120/240
Frequency/Phase	60 Hz / Single Phase								
Voltmeter	Standard								
Full Power Switch	—	—	Standard						
Main Circuit Breaker	17A (1-pole)	20A (1-pole)	13.5A (2-pole)	13.5A (2-pole)	21A (2-pole)	21A (2-pole)	21A (2-pole)	21A (2-pole)	35A (2-pole)
Sound Level dB(A) Full load 23 feet	73	70	77	73	81	81	74	74	88
GASOLINE ENGINE									
Make/Model	Robin EH-17-2	Honda GX-160	Robin EH-25-2	Honda GX-240	Robin EH-34	Robin EH-34	Honda GX-340	Honda GX-340	Honda GX-610
Starting System	Recoil	Recoil	Recoil	Recoil	Recoil/Electric	Recoil	Recoil/Electric	Recoil	Recoil/Electric
HP (kw)	6.0 (4.2)	5.5 (4.1)	8.5 (6.4)	8.0 (6.0)	11.0 (8.25)	11.0 (8.25)	11.0 (8.25)	11.0 (8.25)	18.0 (13.5)
Rated Speed - RPM	3600								
Low Oil Shutdown	Standard								
Fuel Gauge	Standard								
Automatic Idle Control	N/A	N/A	Standard						
Fuel Tank Capacity gal (liters)	3.6 (13.6)	3.6 (13.6)	3.6 (13.6)	5.0 (18.9)	5.0 (18.9)	5.0 (18.9)	5.0 (18.9)	5.0 (18.9)	10 (37.9)
Running Time @ full load hours/tank	7.25	7.0	5.0	7.5	5.5	5.5	5.5	5.5	6.75
SIZE									
Length in. (cm)	20.75 (53)	19.75 (50)	24 (61)	25 (63)	24.75 (63)	24.75 (63)	30.5 (77)	25.75 (65)	31.25 (79)
Height in. (cm)	20.5 (52)	18.25 (46)	21.75 (55)	18.75 (47)	24.75 (63)	24.75 (63)	19 (48)	19 (48)	28 (71)
Width in. (cm)	15.75 (40)	16.25 (41)	18.75 (47)	19.75 (50)	18.75 (48)	18.75 (48)	20.25 (51)	20.25 (51)	21.25 (54)
Dry Wt. lb. (kg)	101 (46)	107 (49)	150 (68)	165 (75)	179 (81)	189 (86)	202 (92)	188 (85)	329 (149)
AMPS									
Max./Cont. 120V	19.2/16.6	20.8/18.3	30/26.6	30/26.6	50/41.6	50/41.6	50/41.6	50/41.6	80.8/70
Max./Cont. 240V	—	—	15/13.3	15/13.3	25/20.8	25/20.8	25/20.8	25/20.8	40.4/35

Generator Specifications — 180 to 800 KVA

MODEL	DCA-180SSK3	DCA-220SSK3	DCA-300SSK3	DCA-400SSK3	DCA-500SSK	DCA-600SSK	DCA-800SSK
GENERATOR							
Design	Revolving field Self-ventilated Drip-proof Single bearing						
No. of Poles	4-pole						
Excitation	Brushless with AVR						
Standby Output	158 KW (198 KVA)	194 KW (242 KVA)	264 KW (330 KVA)	352 KW (440 KVA)	440 KW (550 KVA)	528 KW (660 KVA)	704 KW (880 KVA)
Prime Output	144 KW (180 KVA)	176 KW (220 KVA)	240 KW (300 KVA)	320 KW (400 KVA)	400 KW (500 KVA)	480 KW (600 KVA)	640 KW (800 KVA)
Generator RPM	1800						
Voltage — 3 phase	208, 220, 240, 416, 440, 480 Reconnectable						
Voltage — single phase	120, 127, 139, 240, 254, 277 Adjustable						
Armature connection	Star with neutral						
Voltage Regulation (No load to full load)	±1.5%	±1.5%	±1.5%	±1.5%	±1%	±1%	±1%
Power Factor	0.8						
Frequency	60 Hz						
Insulation	Class F						
Sound Level dB(A) Full load 23 feet	67	66	71	69	69	75	73
DIESEL ENGINE							
Make/Model	Komatsu SA6D108E	Komatsu S6D125E	Komatsu SA6D125E	Komatsu SA6D140AE	Komatsu SA6D170BE	Komatsu SA6D170AE-1	Komatsu SA12V140
Starting System	Electric						
Design	Direct injection, turbocharged, aftercooled	Direct injection, turbocharged	Direct injection, turbocharged, aftercooled				
Displacement	7,150 cc	11,000 cc	11,040 cc	15,240 cc	23,150 cc	23,150 cc	30,480 cc
No. cylinders	6	6	6	6	6	6	12
Bore x Stroke mm	108 x 130	125 x 150	125 x 150	140 x 165	170 x 170	170 x 170	140 x 165
HP at Rated Speed	217	273	345	478	572	688	980
Fuel Tank Capacity gal (liters)	79 (299)	100 (379)	129.5 (490)	129.5 (490)	129.5 (490)	129.5 (490)	129.5 (490)
Fuel Consumption At full load gph (lph) At ¾ load gph (lph) At ½ load gph (lph) At ¼ load gph (lph)	9.6 (36.3) 6.8 (25.7) 5.2 (19.7) 3.3 (12.5)	12.3 (46.6) 9.4 (35.6) 6.5 (24.6) 4.0 (15.1)	17.5 (66.2) 12.0 (45.4) 8.8 (33.3) 5.5 (20.8)	20.4 (77.2) 15.8 (59.8) 11.0 (62.5) 6.6 (29.0)	29.0 (109.8) 22.3 (84.4) 16.5 (62.5) 10.6 (40.1)	33.9 (128.3) 26.7 (101.1) 17.4 (65.9) 10.6 (40.1)	43.7 (165.4) 33.0 (124.9) 24.0 (90.9) 14.9 (56.4)
Coolant capacity gal (liters)	7.4 (28.0)	11.1 (42.0)	16.9 (64.0)	16.9 (64.0)	31.4 (118.9)	28.9 (109.4)	42.3 (160.1)
Oil capacity gal (liters)	6.3 (23.8)	10.4 (39.4)	16.1 (60.9)	19.5 (73.8)	28.5 (107.9)	31.4 (118.8)	39.9 (151.0)
Battery	12V 100AH x 2 24V System	12V 150AH x 2 24V System	12V 200AH x 2 24V System	12V 200AH x 2 24V System	12V 200AH x 2 24V System	12V 200AH x 2 24V System	12V 200AH x 4 24V System
SIZE							
LxWxH in (cm)	130 x 48 x 60 (330 x 122 x 152)	144 x 52 x 69 (366 x 132 x 175)	153 x 56 x 71 (389 x 142 x 180)	166 x 56 x 83 (422 x 142 x 211)	216 x 65 x 95 (549 x 165 x 241)	220 x 65 x 95 (559 x 165 x 241)	241 x 77 x 99 (612 x 196 x 251)
Aprox Net Wt. lb (kg)	6,372 (2890)	8,091 (3670)	9,172 (4160)	11,950 (5420)	18,828 (8540)	19,533 (8860)	24,692 (11,200)
AMPS							
Single Phase 120V Single Phase 240V Three Phase 240V Three Phase 480V	400.0A (4 wire) 200.0A (4 wire) 433A 216A	488.9A (4 wire) 244.4A (4 wire) 529A 264A	666.7A (4 wire) 333.3A (4 wire) 721A 360A	888.9A (4 wire) 444.4A (4 wire) 962A 481A	1111.1A (4 wire) 555.6A (4 wire) 1202A 601A	1333.3A (4 wire) 666.7A (4 wire) 1443A 721A	1777.8A (4 wire) 888.9A (4 wire) 1924A 962A

MQ POWER Generator Specifications — 25 to 150 KVA

MODEL	DCA-25SSIU	DCA-45SSIU2	DCA-60SSI2	DCA-70SSJU2	DCA-85SSJUC	DCA-100SSJU2	DCA-125SSJU2	DCA-150SSJU2
GENERATOR								
Design	Revolving field Self-ventilated Drip-proof Single bearing							
No. of Poles	4-pole							
Excitation	Brushless with AVR							
Standby Output	22 KW (27 KVA)	37 KW (47 KVA)	53 KW (66 KVA)	61 KW (77 KVA)	70 KW (88 KVA)	88 KW (110 KVA)	110 KW (137 KVA)	132 KW (165 KVA)
Prime Output	20 KW (25 KVA)	36 KW (45 KVA)	48 KW (60 KVA)	56 KW (70 KVA)	66 KW (82 KVA)	80 KW (100 KVA)	100 KW (125 KVA)	120 KW (150 KVA)
Generator RPM	1800							
Voltage — 3 phase	208, 220, 240, 416, 440, 480V Switchable							
Voltage — single phase	120, 127, 139, 240, 254, 277V Switchable							
Armature connection	Star with neutral / zigzag							
Voltage Regulation (No load to full load)	±1%	±1.5%						
Power Factor	0.8							
Frequency	60 Hz							
Insulation	Class F							
Sound Level dB(A) Full load 23 feet	65	64	66	65	67	67	67	68
DIESEL ENGINE								
Make/Model	Isuzu C240	Isuzu 4BG1	Isuzu 6BG1	John Deere 4045TF150	John Deere 4045TF250	John Deere 6068TF150	John Deere 6068TF250	John Deere 6081TF
Starting System	Electric							
Design	4-cycle Water cooled Swirl chamber	4-cycle Water cooled Direct injection		4-cycle Water cooled Direct injection Turbocharged				
Displacement	2369 cc	3856 cc	6494 cc	4500 cc	4500 cc	6724 cc	6724 cc	8100 cc
No. cylinders	4	4	6	4	4	6	6	6
Bore x Stroke (mm)	86 x 102	102 x 118	105 x 125	106 x 127	106 x 127	106 x 127	106 x 127	116 x 129
HP at Rated Speed	31	55	77	90	102	129	150	190
Fuel Tank Capacity gal (liters)	17.2 (65.1)	26.4 (99.9)	33 (124.9)	40 (151.4)	40 (151.4)	63 (238.5)	63 (238.5)	66 (249.8)
Fuel Consumption At full load gph (lph) At ¾ load gph (lph) At ½ load gph (lph) At ¼ load gph (lph)	1.7 (6.5) 1.3 (5.0) 0.9 (3.4) 0.6 (2.3)	2.7 (10.3) 2.0 (7.6) 1.5 (5.7) 1.1 (4.2)	3.9 (14.4) 3.0 (11.4) 2.4 (9.1) 1.9 (7.2)	3.9 (14.4) 3.1 (11.7) 2.3 (8.7) 1.8 (6.8)	4.8 (18.1) 3.8 (14.3) 2.6 (9.8) 1.6 (6.0)	6.6 (25.1) 5.0 (19.0) 3.5 (13.3) 2.1 (8.0)	7.5 (28.4) 5.7 (21.6) 4.0 (15.1) 2.3 (8.7)	9.7 (36.7) 7.5 (28.4) 5.3 (20.1) 3.5 (13.2)
Coolant capacity gal (liters)	2.9 (11.0)	5.3 (20.1)	7.5 (28.4)	6.9 (26.0)	6.9 (26.0)	10.3 (39.0)	10.3 (39.0)	10.9 (41.2)
Oil capacity gal (liters)	1.45 (5.5)	3.4 (12.9)	4.8 (18.2)	3.4 (13.0)	3.4 (13.0)	4.5 (17.0)	4.5 (17.0)	8.5 (32.2)
Battery	12V 70Ah x 1	12V 100Ah x 1	12V 100Ah x 2 24V System	12V 100Ah x 1	12V 100Ah x 1	12V x 150Ah x 1	12V 150Ah x 1	12V 150Ah x 1
SIZE								
LxWxH in (cm)	78x29x39 (198x74x99)	78x35x49 (198x89x124)	96x35x49 (243x89x124)	94x35x55 (239x89x140)	94x35x55 (239x89x140)	120x44x56 (305x112x142)	120x44x56 (305x112x142)	126x47x59 (320x119x150)
Aprox Net Wt. lb. (kg)	1543 (700)	2470 (1120)	3250 (1474)	3246 (1472)	3350 (1520)	4454 (2020)	4630 (2100)	5617 (2548)
AMPS								
Single Phase 120V	55.5A (4 wire) 60Ax2 (zigzag)	100A (4 wire) 108Ax2 (zigzag)	133.3A (4 wire) 144Ax2 (zigzag)	155.5A (4 wire) 168Ax2 (zigzag)	182.2A (4 wire) 250Ax2 (zigzag)	222.2A (4 wire) 241Ax2 (zigzag)	277.8A (4 wire) 301Ax2 (zigzag)	333.3A (4 wire) 361Ax2 (zigzag)
Single Phase 240V	27.8A (4 wire) 60A (zigzag)	50A (4 wire) 108A (zigzag)	66.7A (4 wire) 144A (zigzag)	77.8A (4 wire) 168A (zigzag)	91.2A (4 wire) 250A (zigzag)	111.1A (4 wire) 241A (zigzag)	138.9A (4 wire) 301A (zigzag)	166.7A (4 wire) 361A (zigzag)
Three Phase 240V	60A	108A	144A	168A	197A	241A	301A	361A
Three Phase 480V	30A	54A	72A	84A	99A	120A	150A	180A

MQ POWER Generator Specifications — 10 to 35 KW

MODEL	DCA-10SPX3	TLG-12SPX	DCA-15SPX3	DCA-44SPX3
GENERATOR				
Design	Revolving field Self-ventilated Drip-proof Single bearing			
No. of Poles	4-pole	2-pole	4-pole	4-pole
Excitation	Brushless with AVR			
Standby Output	10.5 KW	13 KW	16.5 KW	40.9 KW
Prime Output	10 KW	12 KW	15 KW	35 KW
Generator RPM	1800	3600	1800	1800
Voltage — single phase	120/240			
Armature connection	Series			Series/Parallel
Voltage Regulation (No load to full load)	±1%	±1.5%		
Power Factor	1.0			
Frequency	60 Hz			
Insulation	Class F			
Sound Level dB(A) Full load 23 feet	65	67	62	65
DIESEL ENGINE				
Make/Model	Kubota D1403	Isuzu 3LB1	Kubota V2203-KB	Isuzu 4BG1
Starting System	Electric			
Design	4-cycle Water cooled Swirl chamber			4-cycle Water cooled Direct injection
Displacement	1393 cc	1124 cc	2197 cc	3856 cc
No. cylinders	3	3	4	4
Bore x Stroke (mm)	80 x 92.4	77 x 80	87 x 92.4	102 x 118
HP at Rated Speed	16.5	22.8	24	57
Fuel Tank Capacity gal (liters)	Not included	13.5 (51.1)	16.3 (61.7)	23.8 (90.1)
Fuel Consumption At full load gph (lph) At ¾ load gph (lph) At ½ load gph (lph) At ¼ load gph (lph)	1.1 (4.2) 0.9 (3.4) 0.7 (2.6) 0.5 (1.9)	1.4 (5.3) 1.2 (4.5) 1.0 (3.8) 0.8 (3.0)	1.37 (5.2) 1.08 (4.1) 0.83 (3.1) 0.62 (2.3)	2.3 (8.7) 2.0 (7.6) 1.5 (5.9) 1.1 (4.2)
Coolant capacity gal (liters)	1.4 (5.3)	0.9 (3.4)	1.95 (7.4)	4.0 (15.1)
Oil capacity gal (liters)	1.77 (6.7)	1.2 (4.5)	2.0 (7.6)	3.4 (12.9)
Battery	12V 70Ah x 1			12V 100Ah x 2 24V System
SIZE				
LxWxH in (cm)	56 x 26 x 36 (142 x 66 x 91)	56 x 28 x 34 (142 x 71 x 86)	61 x 26 x 36 (155 x 66 x 91)	81 x 35 x 49 (206 x 89 x 124)
Approx Net Wt. lb. (kg)	1123 (509)	948 (430)	1277 (579)	2535 (1150)
AMPS				
Single Phase 120V Single Phase 240V	41.7A (2 sets) 41.7A	50A (2 sets) 50A	62.5A (2 sets) 62.5A	145A (2 sets) 145A