

MQ POWER 7 to 35 KW — Single Phase

MODEL	DA-7000SS	DCA-10SPX3	TLG-12SPX	DCA-15SPX3	DCA-44SPX3
GENERATOR					
Design	Revolving field Self-ventilated Drip-proof Single bearing				
No. of Poles	2-pole	4-pole	2-pole	4-pole	4-pole
Excitation	Brushless with AVR				
Standby Output	7 KW	10.5 KW	13 KW	16.5 KW	40.9 KW
Prime Output	6 KW	10 KW	12 KW	15 KW	35 KW
Generator RPM	3600	1800	3600	1800	1800
Voltage — single phase	120/240				
Armature connection	Series				Series/Parallel
Voltage Regulation (No load to full load)	±3%	±1%	±1.5%	±1.5%	±1.5%
Power Factor	1.0				
Frequency	60 Hz				
Insulation	Class B	Class F			
Sound Level dB(A) Full load 23 feet	65.7	65	67	62	65
DIESEL ENGINE					
Make/Model	Kubota Z482	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	479 cc	1393 cc	1124 cc	2197 cc	3856 cc
No. cylinders	2	3	3	4	4
Bore x Stroke (mm)	67 x 68	80 x 92.4	77 x 80	87 x 92.4	102 x 118
HP at Rated Speed	13.9	16.5	22.8	24	57
Fuel Tank Capacity gal (liters)	6.6 (24.4)	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)	0.66 (2.5) 0.53 (2.0) 0.42 (1.6) 0.29 (1.0)	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)	0.51 (1.95)	1.4 (5.3)	0.9 (3.4)	1.95 (7.4)	4.0 (15.1)
Oil capacity gal (liters)	0.54 (2.05)	1.77 (6.7)	1.2 (4.5)	2.0 (7.6)	3.4 (12.9)
Battery	12V 35Ah x 1	12V 70Ah x 1	12V 70Ah x 1	12V 70Ah x 1	12V 100Ah x 2 24V System
SIZE					
LxWxH in (cm)	25 x 45 x 35 (64 x 114 x 89)	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)
Aprox Net Wt. lb. (kg)	566 (257)	1123 (509)	948 (430)	1277 (579)	2535 (1150)
AMPS					
Single Phase 120V Single Phase 240V	29.2A (2 sets) 29.2A	41.7A (2 sets) 41.7A	50A (2 sets) 50A	62.5A (2 sets) 62.5A	145A (2 sets) 145A