

MQ Power WhisperWatt 7 kW to 56 kW – Single Phase

MODEL	DA-7000SSA1	DCA-10SPX	TLG-12SPX	DCA-15SPX	DCA-20SPX	DCA-36SPX	DCA-56SPX
Generator							
Design	Revolving field, Self-ventilated, Drip-proof, Single bearing						
No. of poles	2-pole	4-pole	2-pole	4-pole	4-pole	4-pole	4-pole
Excitation	Solid state, Statically Excited system	Brushless with AVR					
Standby rating	7kW	11 kW	13 kW	16.5 kW	22 kW	40 kW	62 kW
Prime rating	6kW	10 kW	12 kW	15 kW	20 kW	36 kW	56 kW
Generator RPM	3600	1800	3600	1800	1800	1800	1800
Voltage - 1 phase	120/240						
Armature connection	Series						
Voltage regulation (no load to full load)	+ - 2.5%	+ -0.5%					
Frequency	60 Hz						
Frequency regulation (steady state load)	+ -0.25% of means value for constant loads from no load to full load	+ -0.25% Includes Elec- tronic Governor	3-5% Optional Elec- tronic Governor + -0.25%	+ -0.25% Includes Elec- tronic Governor	3-5% Optional Elec- tronic Governor + -0.25%	+ -0.25% Includes Elec- tronic Governor	+ -0.25% Includes Elec- tronic Governor
Power factor	1.0						
Sound level dB (A) Full load at 23 feet	65	61	68	62	63	65	68
Diesel Engine							
Make / Model	Kubota Z482	Kubota D1503	Kubota D902	Kubota V2203	Isuzu BV-4LE2	Isuzu BB4JJ1T	Isuzu BJ-4JJ1X
Emissions	Tier4	Tier4	Tier4	Interim Tier 4	Interim Tier 4	Interim Tier 4	Tier 3
Starting system	Electric						
Design	4-Cycle Water cooled	4-cycle Water cooled Swirl Chamber	4-cycle Water cooled Swirl Chamber	4-cycle Water cooled Swirl Chamber	4-cycle Water cooled Direct injection	4-cycle Water cooled Direct injection Turbocharged	4-cycle Water cooled Direct injection Turbocharged Charge Air Cooled
Displacement	479	1499 cc	898 cc	2197 cc	2179 cc	2999 cc	2999 cc
No. of cylinders	2	3	3	4	4	4	4
Bore x Stroke (mm)	64 x 68	83 x 92.4	72 x 73.6	87 x 92.4	85 x 96	95.4 x 104.9	95.4 x 104.9
Gross HP	12.5	24.5	24.8	36.1	34.3	67.1	97.9
Fuel tank capacity gal. (liters)	6.6 (25)	16.4 (62)	13.5 (51)	16.4 (62)	17 (65)	26 (100)	40 (150)
Fuel consumption full load gph (lph) 3/4 load gph (lph) 1/2 load gph (lph) 1/4 load gph (lph)	0.69 (2.6) 0.55 (2.1) 0.48 (1.8) 0.37 (1.4)	0.97 (3.7) 0.75 (2.8) 0.58 (2.2) 0.44 (1.7)	1.4 (5.2) 1.1 (4.4) 1.0 (3.8) 0.8 (3.1)	1.37 (5.2) 1.09 (4.1) 0.84 (3.2) 0.63 (2.4)	1.66 (6.3) 1.21 (4.6) 0.85 (3.2) 0.58 (2.2)	2.8 (10.6) 2.1 (8.0) 1.5 (5.6) 0.9 (3.4)	4.1 (15.4) 3.1 (11.9) 2.2 (8.4) 1.4 (5.2)
Coolant capacity gal. (liters)	0.74 (2.8)	1.85 (7.0)	0.92 (3.5)	2.09 (7.9)	1.74 (6.6)	2.96 (11.2)	3.09 (11.7)
Oil capacity gal. (liters)	0.66 (2.5)	1.48 (5.6)	0.95 (3.6)	2.0 (7.6)	2.25 (8.5)	3.96 (15.0)	3.96 (15.0)
Battery	12V 35Ah x 1	12V 65Ah x 1	12V 45Ah x 1	12V 65Ah x 1	12V 53Ah x 1	12V 72Ah x 1	12V 72Ah x 1
Size							
L x W x H in. (cm)	45x25.5 x 31.25 (114 x 65 x 79)	55 x 26 x 36 (140 x 65 x 90)	55 x 27 x 33 (140 x 69 x 85)	61 x 26 x 36 (155 x 65 x 90)	73 x 30 x 39 (185 x 75 x 100)	80 x 35 x 49 (203.5 x 90 x 125)	98.4 x 37.5 x 55 (250 x 95 x 140)
Approx Net Wt lbs. (kg)	582 (264)	1142 (518)	874 (396)	1300 (590)	1432 (650)	2370 (1075)	3136 (1422)
Amps							
Single phase 120V	50A (2 sets)	41.7A (2 sets)	50A (2 sets)	62.5A (2 sets)	83A (2 sets)	150A (2 sets)	233A (2 sets)
Single phase 240V	50A	41.7A	50A	62.5A	83A	150A	233A