

MQ Power WhisperWatt 7 kW to 36 kW - Single Phase

MODEL	DA7000SSA2	DCA10SPXU4C	DCA15SPXU4F	DCA20SPXU4F	DCA36SPXU4F
Generator					
Design	Revolving field, Self-ventilated, Drip-proof, Single Bearing				
No. of Poles	2-pole	4-pole	4-pole	4-pole	4-pole
Excitation	Solid State, Statically Excited System	Brushless with AVR			
Standby Rating	7kW	11 kW	14.7 kW	22 kW	40 kW
Prime Rating	6kW	10 kW	14 kW	20 kW	36 kW
Generator RPM	3,600	1,800	1,800	1,800	1,800
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 Electronic Governor	+/-0.25% Includes Electronic Governor	3-5% Optional Electronic Governor +/-0.25%	+/-0.25% Includes Electronic Governor
Power Factor					
1.0					
Sound Level dB (A) Full Load at 23 Feet	65	61	64	65	65
Diesel Engine					
Make / Model	Kubota Z482	Kubota D1503	Kubota D1503	Isuzu 4LE2T	Isuzu 4LE2X
Emissions	Tier 4 Final	Tier 4 Final	Tier 4 Final	Tier 4 Final	Tier 4 Final
Starting System	Electric				
Design	4-Cycle Water Cooled	4-cycle Water Cooled Swirl Chamber	4-cycle Water Cooled Direct Injection	4-Cycle Water Cooled Direct Injection Charge Air Cooled, EGR, DOC	4-Cycle Water Cooled Direct Injection Turbocharged Charge Air Cooled, EGR, DOC
Displacement	479	1,499 cc	1,499 cc	2,179 cc	2,179 cc
No. of Cylinders	2	3	3	4	4
Bore x Stroke (mm)	64 x 68	83 x 92.4	83 x 92.4	85 x 96	85 x 96
Gross HP	12.5	24.5	24.8	40.2	65.7
Fuel Tank Capacity gal. (liters)	6.6 (25)	16.4 (62)	16.4 (62)	41.7 (158)	79.2 (300)
Fuel Consumption					
full load gph (lph)	0.69 (2.6)	0.97 (3.7)	1.09 (4.1)	1.62 (6.1)	2.93 (11.1)
3/4 load gph (lph)	0.55 (2.1)	0.75 (2.8)	0.80 (3.0)	1.26 (4.7)	2.20 (8.3)
1/2 load gph (lph)	0.48 (1.8)	0.58 (2.2)	0.64 (2.4)	0.94 (3.5)	1.60 (6.0)
1/4 load gph (lph)	0.37 (1.4)	0.44 (1.7)	0.41 (1.6)	0.67 (2.5)	1.04 (3.9)
Coolant Capacity gal. (liters)	0.74 (2.8)	1.85 (7.0)	1.85 (7.0)	2.3 (8.8)	4.44 (16.8)
Oil Capacity gal. (liters)	0.66 (2.5)	1.48 (5.6)	1.48 (5.6)	2.28 (10.5)	3.2 (12.2)
Battery	12V 35Ah x 1	12V 65Ah x 1	12V 70Ah x 1	12V 53Ah x 1	12V 72Ah x 1
Size					
L x W x H in. (cm)	45 x 25.5 x 31.25 (114 x 65 x 79)	55 x 26 x 36 (140 x 65 x 90)	56.3 x 25.6 x 35.4 (143 x 65 x 90)	72 x 31 x 50 (182 x 79 x 126)	87 x 38 x 61 (221 x 95 x 155)
Approx Net Wt lbs. (kg)	582 (264)	1,107 (502)	1,179 (535)	1,797 (815)	2,448 (1110)
Amps					
Single Phase 120V	50A (2 sets)	41.7A (2 sets)	58.3A (2 sets)	83A (2 sets)	150A (2 sets)
Single Phase 240V	50A	41.7A	58.3A	83A	150A