

## MQ Power Ultra-Silent WhisperWatt 25 kW to 150 kVA – Single / Three Phase

MODEL	DCA-25USI	DCA-45USI	DCA70USI	DCA-85USJ*	DCA-125USI
<b>Generator</b>					
Design	Revolving Field, Self-ventilated, Drip-proof, Single bearing				
No. of poles	4- pole				
Excitation	Brushless with AVR				
Standby Output Rating	22 kW (27 kVA)	40 kW (50 kVA)	62 kW (77 kVA)	75 kW (94 kVA)	110 kW (137 kVA)
Prime Output	20 kW (25 kVA)	36 kW (45 kVA)	56 kW (70 kVA)	68 kW (85 kVA)	100 kW (125 kVA)
Generator RPM	1800				
Voltage - 3 phase	208, 220, 240, 416, 440, 460, 480V Switchable				
Voltage - 1 phase	120, 127, 139, 240, 254, 277V Switchable				
Armature connection	Star with neutral / Zigzag				
Voltage Regulation (no load to full load)	±0.5%				
Frequency	60 Hz				
Frequency regulation (Steady State Load)	3-5% Optional Electronic Governor ±0.25%	± 0.25% Includes Electronic Governor			
Power Factor	0.8				
Sound level dB (A) Full load at 23 feet	59	58	60	63	65
<b>Diesel Engine</b>					
Make / Model	Isuzu BV-4LE2	Isuzu Bu-4JJ1T	Isuzu BJ-4JJ1X	John Deere 4045HF285	Isuzu BI-4HK1X
Emissions	Interim Tier 4		Tier 3		
Starting system	Electric				
Design	4-cycle Water cooled Direct Injection	4-cycle Water cooled Direct Injection Turbocharged	4 cycle Water cooled Direct Injection Turbocharged Charge Air Cooled		
Displacement	2179 cc	2999 cc	2999 cc	4500 cc	5193 cc
No. of cylinders	4				
Bore x Stroke (mm)	85 x 96	95.4 x 104.9	95.4 x 104.9	106 x 127	115 x 125
Gross HP	34.3	67.1	97.9	126	173
Full tank capacity gal. (liters)	41.7 (158)	79.2 (300)	103 (390)	126 (475)	169 (640)
Fuel consumption					
full load gph (lph)	1.64 (6.23)	2.7 (10.4)	4.1 (15.4)	5.3 (20.1)	7.3 (27.8)
3/4 load gph (lph)	1.2 (4.57)	2.1 (8.0)	3.1 (11.9)	4.3 (16.2)	5.7 (21.6)
1/2 load gph (lph)	0.85 (3.2)	1.5 (5.7)	2.1 (8.1)	3.1 (11.9)	4.0 (15.1)
1/4 load gph (lph)	0.57 (2.17)	0.95 (3.6)	1.3 (4.8)	2.0 (7.6)	2.4 (9.1)
Coolant capacity gal. (liters)	1.7 (6.4)	3.15 (12.0)	3.57 (13.5)	4.76 (18.0)	5.2 (19.7)
Oil capacity gal. (liters)	2.25 (8.5)	3.96 (15.0)	3.96 (15.0)	3.88 (14.7)	6.1 (23.0)
Battery	12V 53Ah	12V 72Ah	12V 72Ah	12 72Ah	12V 128Ah
<b>Size</b>					
L x W x H in. (cm)	70 x 31 x 50 (179 x 79 x 126)	84 x 37 x 61 (213 x 95 x 155)	105 x 37 x 68 (267 x 95 x 173.5)	112 x 49 x 71 (285 x 124 x 181)	120 x 49 x 73 (305 x 124 x 186)
Approx Net Wt lbs. (kg)	1850 (840)	2944 (1335)	3831 (1738)	5165 (2342)	5781 (2622)
<b>Amps</b>					
Single phase 120V	55.6A (4 wire) 60A x 2 (zigzag)	100A (4 wire) 108A x 2 (zigzag)	155.5A (4 wire) 168A x 2 (zigzag)	188.9A (4 wire) 250A x 2 (zigzag)	277.8A (4 wire) 301A x 2 (zigzag)
Single phase 240V	27.8A (4 wire) 60A (zigzag)	50A (4 wire) 108A (zigzag)	77.8A (4 wire) 168A (zigzag)	94.4 (4 wire) 250A (zigzag)	138.9A (4 wire) 301A (zigzag)
Three phase 240V	60A	108A	168A	204A	301A
Three phase 480V	30A	54A	84A	102A	150A

\* Specifically designed for high single phase output



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