MQPOWER

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

MODEL	DCA25USI	DCA45USI	DCA70USI	DCA85USJ*	DCA125USI	DCA150USJ
Generator						
Design	Revolving field, Self-ventilated, Drip-proof, Single bearing					
No. of poles	4-pole					
Excitation	Brushless with AVR					
Standby rating	22 kW (27kVA)	40 kW (50kVA)	62 kW (77kVA)	75 kW (94kVA)	110 kW (137kVA)	132 kW (165kVA)
Prime rating	20 kW (25kVA)	36 kW (45kVA)	56 kW (70kVA)	68 kW (85kVA)	100 kW (125kVA)	120 kW (150kVA)
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	±0.25% Includes Electronic Governor	±0.25% Includes Electronic Governor	±0.25% Includes Electronic Governor	±0.25% Includes Electronic Governor
Power factor	0.8					
Sound level dB(A) Full load at 23 feet	59	58	60	63	65	63
Diesel Engine						
Make / Model	Isuzu BV-4LE2	Isuzu BU-4JJ1T	Isuzu BJ-4JJ1X	John Deere 4045HF285	Isuzu BJ-4HK1X	John Deere 6068HF285
Emissions	Interim Tier 4	Interim Tier 4	Tier 3	Tier 3	Tier 3	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	4-cycle Water cooled Direct injection Turbocharged Charge Air Cooled	4-cycle Water cooled Direct injection Turbocharged Charge Air Cooled	4-cycle Water cooled Direct injection Turbocharged Charge Air Cooled
Displacement	2179 cc	2999 cc	2999 cc	4500 cc	5193 cc	6800 cc
No. of cylinders	4	4	4	4	4	6
Bore x Stroke (mm)	85 x 96	95.4 x 104.9	95.4 x 104.9	106 x 127	115 x 125	106 x 127
Gross HP	34.3	67.1	97.9	126	173	197
Fuel tank capacity gal. (liters)	41.7 (158)	79.2 (300)	103 (390)	126 (475)	169 (640)	214 (810)
Fuel consumption full load gph (lph) 3/4 load gph (lph) 1/2 load gph (lph) 1/4 load gph (lph)	1.64 (6.23) 1.2 (4.57) 0.86 (2.88) 0.57 (2.17)	2.7 (10.4) 2.1 (8.0) 1.5 (5.7) 0.95 (3.6)	4.1 (15.4) 3.1 (11.9) 2.1 (8.1) 1.3 (4.8)	5.3 (20.1) 4.3 (16.2) 3.1 (11.9) 2.0 (7.6)	7.3 (27.8) 5.7 (21.6) 4.0 (15.1) 2.4 (9.1)	8.6 (32.6) 6.9 (26.6) 5.2 (19.5) 2.9 (11.1)
Coolant capacity gal. (liters)	1.7 (6.4)	3.15 (12.0)	3.57 (13.5)	4.76 (18.0)	5.2 (19.7)	5.8 (22.0)
Oil capacity gal. (liters)	2.25 (8.5)	3.83 (14.5)	3.96 (15.0)	3.88 (14.7)	6.1 (23.0)	8.19 (31.0)
Battery	12V 53Ah	12V 72Ah	12V 72Ah	12V 72Ah	12V 128Ah	12V 128Ah
Size						
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)	128 x 49 x 75 (325 x 124 x 191)
Approx Net Wt lbs. (kg)	1850 (840)	2944 (1335)	3831 (1738)	5165 (2342)	5781 (2622)	6714 (3045)
Amps						
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)	333.3A (4 wire) 361A 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)	166.7A (4 wire) 361A (zigzag)
Three phase 240V	60A	108A	168A	204A	301A	361A
Three phase 480V	30A	54A	84A	102A	150A	180A

*Specially designed for high single phase output

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Features and specifications are subject to change without notice.
Units manufactured by Denyo Manufacturing Corp.
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