

MQ POWER®

MQ Power Ultra-Silent WhisperWatt 25 to 150 kVA - Single / Three Phase (Canada/Export Only)



Ultra Silent

MODEL	DCA-25USI4CAN	DCA-45USI4CAN	DCA-70USI3CAN	DCA-125USI3CAN	DCA-150USJ3CAN
Generator					
Design	Revolving Field Self - Ventilated Drip-Proof Single Bearing				
No. of poles	4-pole				
Excitation	Brushless with AVR				
Standby Output (kW)	22kW (27kVA)	40kW (39kVA)	62kW (77kVA)	110kW (137kVA)	132 kW(165kVA)
Prime Output (kW)	20 kW (25kVA)	36kW (37 kVA)	56kW (70kVA)	100kW (125kVA)	120kW (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 (no load to full 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	65	63
DIESEL ENGINE					
Make / Model	Isuzu BV-4LE2T	Isuzu BU-4JJ1T	Isuzu BJ-4JJ1X	Isuzu BI-4HK1X	John Deere 6068HF285
Emissions	Interim Tier 4	Interim Tier 4	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		
Displacement	2179 cc	2999 cc	2999 cc	5193 cc	6800 cc
No. cylinders	4	4	4	4	6
Bore x Stroke (mm)	85 x 96	95.4 x 104.9	95.4 x 104.9	115 x 125	106 x 127
Gross HP	34.3	67.1	97.9	173	197
Fuel Tank Capacity Gal (liters)	41.7 (158)	79.2 (300)	103 (390)	169 (640)	214 (810)
Fuel Consumption					
full load gph (lph)	1.64 (6.23)	2.7 (10.4)	4.1 (15.4)	7.3 (27.8)	8.6 (32.6)
3/4 load gph (lph)	1.2 (4.57)	2.1 (8.0)	3.1 (11.9)	5.7 (21.6)	6.9 (26.6)
1/2 load gph (lph)	0.85 (3.2)	1.5 (5.7)	2.1 (8.1)	4.0 (15.1)	5.2 (19.5)
1/4 load gph (lph)	0.57 (2.17)	.95 (3.6)	1.3 (4.8)	2.4 (9.1)	2.9 (11.1)
Coolant capacity gal (liters)	1.7 (6.4)	3.15 (12.0)	3.57 (13.5)	5.2 (19.7)	5.8 (22.0)
Oil capacity gal (liters)	2.25 (8.5)	3.96 (15.0)	3.96 (15.0)	6.1 (23.0)	8.19 (31.0)
Battery	12V 53Ah	12V 72Ah	12V 72Ah	12V 128Ah	12V 128Ah
SIZE					
LxWxH in(cm)	70 x 31 x 50 (179 x 79 x 126)	84 x 37 x 61 (213 x 95 x155)	105 x 37 x 68 (267 x 95 x 173.5)	120 x 49 x 73 (305 x 124 x 186)	128 x 49 x 75 (325x124x191)
Aprox Net Wt lb (kg)	1850 (840)	2944 (1355)	3831 (1738)	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 (4wiew) 168A x 2 (zigzag)	277.8A (4wire) 301A x 2 (zigzag)	333.3A (4wire) 361A x 2 (zigzag)
Single Phase 240V	27.8A (4 wire) 60A (zigzag)	50A (4 wire) 108A (zigzag)	77.8A (4wire) 168A (zigzag)	138.9A (4wire) 301A (zigzag)	166.7A (4 wire) 361A (zigzag)
Three Phase 240V	60A	108A	168A	301A	361A
Three Phase 480V	30A	54A	84A	150A	180A

* Special 600V transformer option available (special order)

** Special voltage outputs are available (special order)

48A
 75A
 120A
 145A

120 - 600V
 120V - 600
 120V - 600V

