

MQ Power Ultra-Silent WhisperWatt 25 to 70 kVA - Single / Three Phase (Non EPA Regulated Countries Only)

MODEL	DCA25USI4CAN	DCA45USI4CAN	DCA70USI3CAN
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)
Prime Output (kW)	20 kW (25kVA)	36kW (37 kVA)	56kW (70kVA)
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
DIESEL ENGINE			
Make / Model	Isuzu BV-4LE2T	Isuzu BU-4JJ1T	Isuzu BJ-4JJ1X
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	
No. cylinders	4		
Bore x Stroke (mm)	85 x 96	95.4 x 104.9	95.4 x 104.9
Gross HP	34.3	67.1	97.9
Fuel Tank Capacity Gal (liters)	41.7 (158)	79.2 (300)	103 (390)
Fuel Consumption			
full load gph (lph)	1.64 (6.23)	2.7 (10.4)	4.1 (15.4)
3/4 load gph (lph)	1.2 (4.57)	2.1 (8.0)	3.1 (11.9)
1/2 load gph (lph)	0.85 (3.2)	1.5 (5.7)	2.1 (8.1)
1/4 load gph (lph)	0.57 (2.17)	.95 (3.6)	1.3 (4.8)
Coolant capacity gal (liters)	1.7 (6.4)	3.15 (12.0)	3.57 (13.5)
Oil capacity gal (liters)	2.25 (8.5)	3.96 (15.0)	3.96 (15.0)
Battery	12V 53Ah	12V 72Ah	12V 72Ah
SIZE			
LxWxH 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)
Aprox Net Wt lb (kg)	1850 (840)	2944 (1355)	3831 (1738)
AMPS			
Single Phase 120V	55.6A (4 wire) 60A x 2 (zigzag)	100A (4 wire) 108A x 2 (zigzag)	155.5A (4wrier) 168A x 2 (zigzag)
Single Phase 240V	27.8A (4 wire) 60A (zigzag)	50A (4 wire) 108A (zigzag)	77.8A (4wire) 168A (zigzag)
Three Phase 240V	60A	108A	168A
Three Phase 480V	30A	54A	84A
Three Phase 600V*	24A	43A	67A

* 600V transformer is optional (special order)