



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

Model	DCA-25SSIU3C	DCA-40SSKU4i	DCA-45SSIU4C	DCA-45SSKU3	DCA-70SSIU2C	DCA-85SSJU2C*	DCA-125SSIUC	DCA-150SSCU4i																																				
Generator																																												
Design	Revolving Field Self-Ventilated Dip-Proof Single Bearing																																											
No. of Poles	4-poles																																											
Excitation	Brushless with AVR																																											
Standby Output	22 kW (27 kVA)	31kW (39 kVA)	40 kW (50 kVA)	40 kW (50 kVA)	62 kW (77 kVA)	75kW (94 kVA)	110 kW (137 kVA)	132 kW (165 kVA)																																				
Prime Output	20 kW (25 kVA)	30 kW (37 kVA)	36 kW (45 kVA)	36 kW (45 kVA)	56 kW (70 kVA)	68 kW (85 kVA)	100 kW (125 kVA)	120 kW (150 kVA)																																				
Generator RPM	1800																																											
Voltages--3 phase	208, 220, 240, 416, 440, 460, 480V Switchable																																											
Voltages--1 phase	120, 127, 139, 240, 254, 277V Switchable																																											
Amature 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% Optimal Electronic Governor ±0.25%		±0.25% Electronic Governor																																									
Power Factor	0.8																																											
Sound Level dB(A) Full Load at 23 feet	63	65	65	64	68	68	68	74																																				
DIESEL ENGINE																																												
Make / Model	Isuzu BV-4LE2	Kubota V3300-E3BG	Isuzu BU-4JJ1T	Kubota V3800-DI-T	Isuzu BJ-4JJX	John Deere 4045HF285	Isuzu BI-4HK1X	Cummins QSB7-G7																																				
Emissions	Tier 4i	Tier 4i	Tier 4i	Tier 3	Tier 3	Tier 3	Tier 3	Tier 4i																																				
Starting System	Electric																																											
Design	4-Cycle Water Cooled Direct Injection	4-Cycle Water Cooled Swirl Chamber	4-Cycle Water Cooled Direct Injection Turbocharged		4-Cycle Water Cooled Direct Injection Turbocharged Charge Air Cooled																																							
Displacement	2179 cc	3318 cc	2999 cc	3769 cc	2999 cc	4500 cc	5193 cc	6700 cc																																				
No. Cylinders	4	4	4	4	4	4	4	6																																				
Bore x Stroke (mm)	85 x 96	98 x 110	95.4 x 104.9	100 x 120	95.4 x 104.9	106 x 127	115 x 125	107 x 124																																				
Gross Engine Power Output	34.3	48.9	67.1	76	97.9	126	173	256																																				
Fuel Tank Capacity gal (liters)	17 (65)	26 (100)	26 (100)	26 (100)	40 (150)	40 (150)	63 (240)	100 (380)																																				
Fuel Consumption	<table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <tr> <td>full load gph(lph)</td> <td>1.66 (6.3)</td> <td>2.6 (9.8)</td> <td>2.8 (10.6)</td> <td>3.1 (11.8)</td> <td>4.1 (15.4)</td> <td>5.3 (20.2)</td> <td>7.3 (27.6)</td> <td>8.8 (33.2)</td> </tr> <tr> <td>3/4 load gph(lph)</td> <td>1.21 (4.6)</td> <td>1.9 (7.3)</td> <td>1.5 (5.6)</td> <td>2.2 (8.5)</td> <td>3.1 (11.9)</td> <td>4.4 (16.6)</td> <td>5.7 (21.7)</td> <td>7.0 (26.4)</td> </tr> <tr> <td>1/2 load gph(lph)</td> <td>0.85 (3.2)</td> <td>1.4 (5.4)</td> <td>0.9 (3.4)</td> <td>1.6 (6.0)</td> <td>2.2 (8.4)</td> <td>3.3 (12.4)</td> <td>4.1 (15.4)</td> <td>5.3 (20.0)</td> </tr> <tr> <td>1/4 load gph(lph)</td> <td>0.58 (2.2)</td> <td>1.0 (3.8)</td> <td>0.9 (3.4)</td> <td>1.1 (4.0)</td> <td>1.4 (5.2)</td> <td>2.0 (7.5)</td> <td>2.5 (9.5)</td> <td>3.6 (13.7)</td> </tr> </table>								full load gph(lph)	1.66 (6.3)	2.6 (9.8)	2.8 (10.6)	3.1 (11.8)	4.1 (15.4)	5.3 (20.2)	7.3 (27.6)	8.8 (33.2)	3/4 load gph(lph)	1.21 (4.6)	1.9 (7.3)	1.5 (5.6)	2.2 (8.5)	3.1 (11.9)	4.4 (16.6)	5.7 (21.7)	7.0 (26.4)	1/2 load gph(lph)	0.85 (3.2)	1.4 (5.4)	0.9 (3.4)	1.6 (6.0)	2.2 (8.4)	3.3 (12.4)	4.1 (15.4)	5.3 (20.0)	1/4 load gph(lph)	0.58 (2.2)	1.0 (3.8)	0.9 (3.4)	1.1 (4.0)	1.4 (5.2)	2.0 (7.5)	2.5 (9.5)	3.6 (13.7)
full load gph(lph)	1.66 (6.3)	2.6 (9.8)	2.8 (10.6)	3.1 (11.8)	4.1 (15.4)	5.3 (20.2)	7.3 (27.6)	8.8 (33.2)																																				
3/4 load gph(lph)	1.21 (4.6)	1.9 (7.3)	1.5 (5.6)	2.2 (8.5)	3.1 (11.9)	4.4 (16.6)	5.7 (21.7)	7.0 (26.4)																																				
1/2 load gph(lph)	0.85 (3.2)	1.4 (5.4)	0.9 (3.4)	1.6 (6.0)	2.2 (8.4)	3.3 (12.4)	4.1 (15.4)	5.3 (20.0)																																				
1/4 load gph(lph)	0.58 (2.2)	1.0 (3.8)	0.9 (3.4)	1.1 (4.0)	1.4 (5.2)	2.0 (7.5)	2.5 (9.5)	3.6 (13.7)																																				
Coolant Capacity gal (liters)	1.74 (6.6)	2.9 (11.0)	2.96 (11.2)	2.9 (11.0)	3.09 (11.7)	3.91 (14.8)	5.33 (20.2)	11.4 (43.0)																																				
Oil Capacity gal (liters)	2.25 (8.5)	3.5 (13.2)	3.96 (15.0)	3.5 (13.2)	3.96 (15.0)	3.88 (14.7)	6.1 (23.0)	4.6 (17.5)																																				
Battery	12V 53Ah x 1	12V 72Ah x 1	12V 72Ah x 1	12V 72Ah x 1	12V 72Ah x 1	12V 72Ah x 1	12V 128Ah x 1	12V 100Ah x 2 24V System																																				
SIZE																																												
L x W x H in. (cm)	73 x 30 x 39 (185x75x100)	76 x 35 x 49 (194x90x125)	76 x 35 x 49 (194x90x125)	76 x 35 x 49 (194x90x125)	94 x 35 x 55 (240x90x140)	102 x 35 x 55 (260x90x140)	120 x 44 x 56 (305x110x140)	138 x 52 x 69 (350x130x175)																																				
Approx. Net wt. lb. (kg)	1,422 (645)	2,083 (945)	2,282 (1,035)	2,128 (965)	2,755 (1,250)	3,547 (1,609)	4,700 (2,131)	6,462 (2,931)																																				
AMP																																												
Single Phase 120V	55.6A (4 wire) 60Ax2 (zigzag)	82A (4 wire) 89Ax2 (zigzag)	100A (4 wire) 108Ax2 (zigzag)	100A (4 wire) 108Ax2 (zigzag)	155.5A (4 wire) 168Ax2 (zigzag)	188.9A (4 wire) 250Ax2 (zigzag)	277.8A (4 wire) 301Ax2 (zigzag)	333.3A (4 wire) 361Ax2 (zigzag)																																				
Single Phase 240V	27.8A (4 wire) 60A (zigzag)	41A (4 wire) 89A (zigzag)	50A (4 wire) 108A (zigzag)	50A (4 wire) 108A (zigzag)	77.8A (4 wire) 168A (zigzag)	94.4A (4 wire) 250A (zigzag)	138.9 (4 wire) 301A (zigzag)	166.7A (4 wire) 361A (zigzag)																																				
Three Phase 240V	60A	89A	108A	108A	168A	204A	301A	361A																																				
Three Phase 480V	30A	44A	54A	54A	84A	102A	150A	180A																																				

*Specially designed for high single phase output



Features and specifications are subject to change without notice.
Units manufactured by Denyo Co. Ltd. (08/11_BD)
© Copyright 2011, Multiquip Inc

18910 Wilmington Ave.
Carson, CA 90746
800.421.1244
www.Multiquip.com