

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

MODEL	DCA-25SSIU4F	DCA-40SSKU4F	DCA-45SSIU4F	DCA-70SSJU4i	DCA-125SSJU4i	DCA-150SSJU4F
Generator						
Design	Revolving Field Self - Ventilated Drip-Proof Single Bearing					
No. of Poles	4-poles					
Excitation	Brushless with AVR					
Standby Output (kW)	22kW (27kVA)	28.8kW (36kVA)	40kW (50kVA)	62kW (77kVA)	110kW (137kVA)	132 kW(165kVA)
Prime Output (kW)	20 kW (25kVA)	39.7kW (37 kVA)	36kW (45kVA)	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 Neutra; / ZigZag					
Voltage Regulation (No Load to Full Load)	± 0.5%					
Frequency	60 Hz					
Frequency Regulation (No Load to Full Load)	±0.25% Electronic Governor					
Power Factor	0.8					
Sound Level dB(A) Full Load at 23 feet	65	61	66	65	70	66
DIESEL ENGINE						
Make / Model	Isuzu 4LE2T	Kubota V2403-CR-T	Isuzu 4LE2x	John Deere 4045HFG92	John Deere 4045HFG93	John Deere 6068HFG08
Emissions	Tier 4 Final	Tier 4 Final	Tier 4 Final	Tier 4i	Tier 4i	Tier 4 Final
Starting System	Electric					
Design	4-cycle Water cooled Direct injection Turbocharged EGR, DOC	4-cycle Water cooled Direct injection Turbocharged EGR, DOC, DPf	4-cycle Water cooled Direct injection Turbocharged Charge air Cooled EGR, DOC	4-cycle Water cooled Direct injection Turbocharged Charge Air cooled EGR		
Displacement	2179 cc	2434 cc	2179 cc	4500 cc	4500 cc	6800 cc
No. Cylinders	4	4	4	4	4	6
Bore x Stroke (mm)	85 x 96	87 x 102	85 x 96	106 x 127	106 x 127	106 x 127
Gross Engine	40.2	48.3	65.7	107	166	240
Power Output						
Fuel Tank Capacity gal. (liters)	41.7 (158)	26 (100)	79.2 (300)	103 (390)	168 (640)	69 (260)
Fuel Consumption full load gph(lph)	1.66 (6.3)	2.2 (8.5)	2.7 (10.4)	4.3 (16.2)	7.3 (27.5)	8.4 (31.9)
3/4 load gph(lph)	1.21 (4.6)	7.1 (6.4)	2.1 (8)	3.4 (12.7)	5.6 (21.2)	6.5 (24.7)
1/2 load gph(lph)	0.85 (3.2)	1.2 (4.4)	1.5 (5.6)	2.7 (10.1)	4.0 (15.1)	4.9 (18.4)
1/4 load gph(lph)	0.58 (2.2)	0.8 (2.9)	0.9 (3.4)	2.0 (7.4)	2.5 (9.6)	3.2 (12.1)
DEF Tank Capacity gal. (liters)	N/A	N/A	N/A	N/A	N/A	14 (55)
Coolant Capacity gal. (liters)	2.3 (8.8)	2.77 (10.5)	4.44 (16.8)	5.92 (22.4)	6.55 (24.8)	10.3 (39.0)
Oil Capacity gal. (liters)	2.8 (10.5)	3.4 (12.7)	3.2 (12.2)	3.88 (14.7)	5.42 (20.5)	8.18 (31.0)
Battery	12V 53Ah x 1	12V 53Ah x 11	12V 72Ah x 1	12V 75Ah x 1	12V 75Ah x 1	12V 150Ah x 2
SIZE						
LxWxH in (cm)	72 x31 x 50 (182 x 79 x 126)	76 x 37 x 53 (194 x 95 x 135)	84 x 35 x 61 (213 x 95 x 155)	105 x 38 x 69 (267x95x173.5)	120 x 49 x 73 (305x124x185)	138 x 52 x 69 (350x130x175)
Approx Net Wt lb (kg)	1,797 (815)	2250 (1020)	2,337 (1,060)	3594 (1630)	5137 (2330)	6615 (3000)
AMP						
Single Phase 120V	55.6A (4 wire) 60Ax2 (zigzag)	80A (4 wire) 108A x 2 (zigzag)	100A (4 wire) 108A x 2 (zigzag)	155.5A (4wier) 168Ax2 (zigzag)	277.8A (4wire) 301Ax2 (zigzag)	333.3A (4wire) 361Ax2 (zigzag)
Single Phase 240V	27.8A (4 wire) 60A (zigzag)	40A (4 wire) 108A (zigzag)	50A (4wire) 108A (zigzag)	77.8A (4wire) 168A (zigzag)	138.9 (4wire) 301A (zigzag)	166.7A (4 wire) 361A (zigzag)
Three Phase 240V	60A	86A	108A	168A	301A	361A
Three Phase 480V	30A	43A	54A	84A	150A	180A

Special voltage outputs are available (Special order)

Features and specifications are subject to change without notice
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