MQ POWER®

MQ Power Generators - WhisperWatt™ 7.5 to 70 kVA - Single / Three Phase

MODEL	TLG8SSK4F2	DCA25SSIU4F	DCA40SSKU4F2	DCA45SSIU4F	DCA70SSIU4F	DCA70SSJU4F
GENERATOR						
Design	Revolving Field Self - Ventilated, Drip-Proof, Single Bearing					
No. of Poles	2	4				
Excitation	Brushless with AVR					
Standby Output (kW)	6.4kW (8kVA)	22kW (27kVA)	30.2kW (37.8 kVA)	40kW (50kVA)	62kW (77kVA)	62kW (77kVA)
Prime Output (kW)	6kW (7.5kVA)	20 kW (25kVA)	28.8kW (36kVA)	36kW (45kVA)	56kW (70kVA)	56kW (70kVA)
Generator RPM	3600	1800				
Voltage- 3 Phase	208, 220, 240	208, 220, 240, 416, 440, 460, 480V Switchable				
Voltage- 1 Phase*	120, 127, 139	120, 127, 139, 240, 254, 277V Switchable				
Armature Connection	Wye	Star with Neutral / ZigZag				
Voltage Regulation (No Load to Full Load)	±1.5%	± 0.5%				
Frequency	60 Hz					
Frequency Regulation (No Load to Full Load)	±0.25% Steady state	±0.25% Electronic Govenor				
Power Factor	0.8					
Sound Level dB(A) Full Load at 23 feet	64	65	63	66	65	66
DIESEL ENGINE						
Make / Model	Kubota Z482 - E3B	Isuzu 4LE2T	Kubota V2403-CR-T	Isuzu 4LE2X	Isuzu 4JJ1X	John Deere 4048HFG04
Emissions	Tier 4 Final					
Starting System	Electric					
Design	Vertical, 4-cycle, Liquid Cooled, Diesel Engine	4-cycle Water Cooled Direct Injection Turbocharged EGR, DOC		4-cycle Water cooled Direct Injection Turbocharged Charge Air Cooled EGR, DOC	4-cycle Water Cooled Direct Injection Turbocharged Charge Air Cooled, EGR DOC and SCR	
Displacement	479 cc	2179 cc	2434 cc	2179 cc	2999 cc	4500 cc
No. Cylinders	2	4				
Bore x Stroke (mm)	64 x 68	85 x 96	87 x 102	85 x 96	95 x 105	106 x 127
Gross Engine Engine Power Output	12.3 HP	40.2 HP	48.3 HP	65.7 HP	92.5 HP	107 HP
Fuel Tank Capacity gal. (liters)	6.8 (26)	41.7 (158)	67.4 (255)	79.2 (300)	103 (390)	19.8 (75)
Fuel Consumption Full load gph(lph) 3/4 load gph(lph) 1/2 load gph(lph) 1/4 load gph(lph	0.69 (2.6) 0.55 (2.1) 0.48 (1.8) 0.37 (1.4)	1.66 (6.3) 1.21 (4.6) 0.85 (3.2) 0.58 (2.2)	2.3 (8.7) 1.8 (6.7) 1.3 (5.1) 0.8 (3.0)	2.7 (10.4) 2.1 (8) 1.5 (5.6) 0.9 (3.4)	4.4 (16.6) 3.5 (13.4) 2.6 (9.8) 1.7 (6.4)	4.6 (17.5) 3.6 (13.8) 2.7 (10.4) 2.0 (7.6)
DEF Tank Capacity gal. (liters)	(N/A)				7.4 (28)	7.9 (30)
Coolant Capacity gal. (liters)	0.7 (2.9)	2.3 (8.8)	4.75 (18)		5.5 (21)	6.3 (23.7)
Oil Capacity gal. (liters)	0.66 (2.5)	2.8 (10.5)	2.5 (9.7)	3.2 (12.2)	3.96 (15)	3.88 (14.7)
Battery	12V 35Ah x 2	12V 53Ah x 1	12V 72Ah x 1			
SIZE						
LxWxH in (cm)	50 X 24 X 35 (127 X 61 X 89)	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)	105 x 37 x 59 (267x95x150)
Approx Net Wt lb (kg)	580 (263)	1,797 (815)	2205 (1000)	2,337 (1,060)	3329 (1510)	3539 (1605)
AMP						
Single Phase 120V	16.66 (4 wire) N/A	55.6A (4 wire) 60Ax2 (zigzag)	80A (4 wire) 108A x 2 (zigzag)	100A (4 wire) 108A x 2 (zigzag)	155.5A (4wire) 168Ax2 (zigzag)	155.5A (4wire) 168Ax2 (zigzag)
Single Phase 240V	N/A	27.8A (4 wire) 60A (zigzag)	40A (4 wire) 108A (zigzag)	50A (4wire) 108A (zigzag)	77.8A (4wire) 168A (zigzag)	77.8A (4wire) 168A (zigzag)
Three Phase 240V	18A	60A	86A	108A	168A	
Three Phase 480V	N/A	30A	43A	54A	84A	

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