

MQ Power Super-Silent WhisperWatt 7.5 to 150 kVA - Single / Three Phase

| MODEL | TLG8SSK4F | DCA25SSIU4F | DCA40SSKU4F | DCA45SSIU4F | DCA70SSIU4F | DCA125SSIU4F | DCA150SSJU4F |
|---|---|---|--|---|---|-----------------------------|--|
| GENERATOR | | | | | | | |
| Design | Revolving Field Self - Ventilated, Drip-Proof, Single Bearing | | | | | | |
| No. of Poles | 2 | 4-poles | | | | | |
| Excitation | Brushless with AVR | | | | | | |
| Standby Output (kW) | 6.4kW (8kVA) | 22kW (27kVA) | 28.8kW (36kVA) | 40kW (50kVA) | 62kW (77kVA) | 110kW (137kVA) | 132 kW(165kVA) |
| Prime Output (kW) | 6kW (7.5kVA) | 20 kW (25kVA) | 39.7kW (37 kVA) | 36kW (45kVA) | 56kW (70kVA) | 100kW (125kVA) | 120kW (150kVA) |
| 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 Governor | | | | | |
| Power Factor | 0.8 | | | | | | |
| Sound Level dB(A) Full Load at 23 feet | 64 | 65 | 61 | 66 | 65 | 66 | 66 |
| DIESEL ENGINE | | | | | | | |
| Make / Model | Kubota Z482 - E3B | Isuzu 4LE2T | Kubota V2403-CR-T | Isuzu 4LE2X | Isuzu 4JJ1X | Isuzu 4HK1X | John Deere 6068HFG08 |
| 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 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 DOC and SCR | | 4-cycle Water cooled Direct injection Turbocharged Charge air Cooled EGR, DOC, DFP & SCR |
| Displacement | 479 cc | 2179 cc | 2434 cc | 2179 cc | 2999 cc | 5193 cc | 6800 cc |
| No. Cylinders | 2 | 4 | 4 | 4 | 4 | 4 | 6 |
| Bore x Stroke (mm) | 64 x 68 | 85 x 96 | 87 x 102 | 85 x 96 | 95 x 105 | 115 x 125 | 106 x 127 |
| Gross Engine HP | 12.3 | 40.2 | 48.3 | 65.7 | 92.5 | 152 | 240 |
| Fuel Tank Capacity gal. (liters) | 6.8 (26) | 41.7 (158) | 26 (100) | 79.2 (300) | 103 (390) | 169 (640) | 69 (260) |
| Fuel Consumption full load gph(lph) | 0.69 (2.6) | 1.66 (6.3) | 2.2 (8.5) | 2.7 (10.4) | 4.4 (16.6) | 7.1 (26.9) | 8.4 (31.9) |
| 3/4 load gph(lph) | 0.55 (2.1) | 1.21 (4.6) | 1.7 (6.4) | 2.1 (8) | 3.5 (13.4) | 5.6 (21.2) | 6.5 (24.7) |
| 1/2 load gph(lph) | 0.48 (1.8) | 0.85 (3.2) | 1.2 (4.4) | 1.5 (5.6) | 2.6 (9.8) | 4.1 (15.5) | 4.9 (18.4) |
| 1/4 load gph(lph) | 0.37 (1.4) | 0.58 (2.2) | 0.8 (2.9) | 0.9 (3.4) | 1.7 (6.4) | 2.6 (10.0) | 3.2 (12.1) |
| DEF Tank Capacity gal. (liters) | N/A | N/A | N/A | N/A | 7.4 (28) | 7.4 (28) | 14 (55) |
| Coolant Capacity gal. (liters) | 0.7 (2.9) | 2.3 (8.8) | 2.77 (10.5) | 4.44 (16.8) | 5.5 (21) | 10.3 (39) | 10.3 (39.0) |
| Oil Capacity gal. (liters) | 0.66 (2.5) | 2.8 (10.5) | 3.4 (12.7) | 3.2 (12.2) | 3.96 (15) | 6.05 (22.9) | 8.18 (31.0) |
| Battery | 12V 35Ah x 2 | 12V 53Ah x 1 | 12V 53Ah x 11 | 12V 72Ah x 1 | 12V 75Ah x 1 | 12V 150Ah x 1 | 12V 150Ah x 2 |
| SIZE | | | | | | | |
| LxWxH in (cm) | 43.3 X 24 X 28.3 (110 X 61 X 72) | 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) | 120 x 49 x 73 (305x124x185) | 138 x 52 x 69 (350x130x175) |
| Approx Net Wt lb (kg) | 580 (263) | 1,797 (815) | 2250 (1020) | 2,337 (1,060) | 3329 (1510) | 5291 (2400) | 6615 (3000) |
| AMP | | | | | | | |
| Single Phase 120V | 16.66 (4 wire) | 55.6A (4 wire) | 80A (4 wire) | 100A (4 wire) | 155.5A (4wirer) | 277.8A (4wire) | 333.3A (4wire) |
| | N/A | 60Ax2 (zigzag) | 108A x 2 (zigzag) | 108A x 2 (zigzag) | 168Ax2 (zigzag) | 301Ax2 (zigzag) | 361Ax2 (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) | 138.9 (4wire) 301A (zigzag) | 166.7A (4 wire) 361A (zigzag) |
| Three Phase 240V | 18A | 60A | 86A | 108A | 168A | 301A | 361A |
| Three Phase 480V | N/A | 30A | 43A | 54A | 84A | 150A | 180A |