

## MQ Power WhisperWatt 10 kW to 56 kW – Single Phase

| MODEL                                     | DCA10SPX  | TLG12SPX   | DCA15SPX   | DCA20SPX   | DCA36SPX   | DCA56SPX   |
|---|---|--|--|--|--|--|
| <b>Generator</b>                          |   |  |  |  |  |  |
| Design                                    | Revolving field, Self-ventilated, Drip-proof, Single bearing  |  |  |  |  |  |
| No. of poles                              | 4-pole  | 2-pole   | 4-pole   | 4-pole   | 4-pole   | 4-pole   |
| Excitation                                | Brushless with AVR  |  |  |  |  |  |
| Standby rating                            | 11 kW   | 13 kW  | 16.5 kW  | 22 kW  | 40 kW  | 62 kW  |
| Prime rating                              | 10 kW   | 12 kW  | 15 kW  | 20 kW  | 36 kW  | 56 kW  |
| Generator RPM                             | 1800  | 3600   | 1800   | 1800   | 1800   | 1800   |
| Voltage - 1 phase                         | 120/240   |  |  |  |  |  |
| Armature connection                       | Series  |  |  |  |  |  |
| Voltage regulation (no load to full load) | ± 0.5%  |  |  |  |  |  |
| Frequency                                 | 60 Hz   |  |  |  |  |  |
| Frequency regulation (steady state load)  | ±0.25% Includes Electronic Governor   | 3-5% Optional Electronic Governor ±0.25%         | ±0.25% Includes Electronic Governor                  | 3-5% Optional Electronic Governor ±0.25%             | ±0.25% Includes Electronic Governor                | ±0.25% Includes Electronic Governor                                  |
| Power factor                              | 1.0   |  |  |  |  |  |
| Sound level dB(A) Full load at 23 feet    | 61  | 68   | 62   | 63   | 65   | 68   |
| <b>Diesel Engine</b>                      |   |  |  |  |  |  |
| Make / Model                              | Kubota D1503  | Kubota D902                                      | Kubota V2203   | Isuzu BV-4LE2  | Isuzu BB4JJ1T                                      | Isuzu BJ-4JJ1X   |
| Emissions                                 | Tier 4  | Tier 4   | Interim Tier 4                                       | Interim Tier 4                                       | Interim Tier 4                                     | Tier 3   |
| Starting system                           | Electric  |  |  |  |  |  |
| Design                                    | 4-cycle Water cooled Swirl Chamber  | 4-cycle Water cooled Swirl Chamber               | 4-cycle Water cooled Swirl Chamber                   | 4-cycle Water cooled Direct injection                | 4-cycle Water cooled Direct injection Turbocharged | 4-cycle Water cooled Direct injection Turbocharged Charge Air Cooled |
| Displacement                              | 1499 cc   | 898 cc   | 2197 cc  | 2179 cc  | 2999 cc  | 2999 cc  |
| No. of cylinders                          | 3   | 3  | 4  | 4  | 4  | 4  |
| Bore x Stroke (mm)                        | 83 x 92.4   | 72 x 73.6  | 87 x 92.4  | 85 x 96  | 95.4 x 104.9                                       | 95.4 x 104.9   |
| Gross HP                                  | 24.5  | 24.8   | 36.1   | 34.3   | 67.1   | 97.9   |
| Fuel tank capacity gal.(liters)           | 16.4 (62)   | 13.5 (51)  | 16.4 (62)  | 17 (65)  | 26 (100)   | 40 (150)   |
| Fuel consumption                          | 0.97 (3.7)<br>full load gph (lph)<br>0.75 (2.8)<br>3/4 load gph (lph)<br>0.58 (2.2)<br>1/2 load gph (lph)<br>0.44 (1.7) | 1.4 (5.2)<br>1.1 (4.4)<br>1.0 (3.8)<br>0.8 (3.1) | 1.37 (5.2)<br>1.09 (4.1)<br>0.84 (3.2)<br>0.63 (2.4) | 1.66 (6.3)<br>1.21 (4.6)<br>0.85 (3.2)<br>0.58 (2.2) | 2.8 (10.6)<br>2.1 (8.0)<br>1.5 (5.6)<br>0.9 (3.4)  | 4.1 (15.4)<br>3.1 (11.9)<br>2.2 (8.4)<br>1.4 (5.2)                   |
| Coolant capacity gal. (liters)            | 1.85 (7.0)  | 0.92 (3.5)                                       | 2.09 (7.9)   | 1.74 (6.6)   | 2.96 (11.2)  | 3.43 (13.0)  |
| Oil capacity gal. (liters)                | 1.48 (5.6)  | 0.9 (3.6)  | 2.0 (7.6)  | 2.25 (8.5)   | 3.96 (15.0)  | 3.96 (15.0)  |
| Battery                                   | 12V 65Ah x 1  | 12V 45Ah x 1                                     | 12V 65Ah x 1   | 12V 53Ah x 1   | 12V 72Ah x 1                                       | 12V 72Ah x 1   |
| <b>Size</b>                               |   |  |  |  |  |  |
| L x W x H in. (cm)                        | 55 x 26 x 36<br>(140 x 65 x 90)   | 55 x 27 x 33<br>(140 x 69 x 85)                  | 61 x 26 x 36<br>(155 x 65 x 90)                      | 73 x 30 x 39<br>(185 x 75 x 100)                     | 80 x 35 x 49<br>(203.5 x 90 x 125)                 | 98.4 x 37.5 x 55<br>(250 x 95 x 140)                                 |
| Approx Net Wt lbs. (kg)                   | 1142 (518)  | 874 (396)  | 1300 (590)   | 1432 (650)   | 2370 (1075)  | 3136 (1422)  |
| <b>Amps</b>                               |   |  |  |  |  |  |
| Single phase 120V                         | 41.7 (2 sets)   | 50A (2 sets)                                     | 62.5A (2 sets)                                       | 83A (2 sets)   | 150A (2 sets)                                      | 233A (2 sets)  |
| Single phase 240V                         | 41.7A   | 50A  | 62.5A  | 83A  | 150A   | 233A   |

