

| Motor Version | Voltage LiHV [V] | Propeller Size | Throttle Range | Amperage | Power Input | | Thrust Output | | | RPM | Efficiency | | | |
|--|------------------------------------|---|----------------------------------|---|-------------|------|---------------|-------|-------|--|------------|---------|-----------------------------------|--|
| | | | | [A] <small>(Lower is Better)</small> | [W] | [hp] | [g] | [N] | [lb] | [rev/min] <small>(Higher is Better)</small> | [g/W] | [lb/hp] | <small>(Higher is Better)</small> | |
| KDE5215XF-330 (330Kv) KDEXF-UAS75HVC S.R. Enabled | 15.4V (4S) 17.4V MAX | 18.5" x 6.3 Dual-EDN (KDE) | 25.0% | 1.1 | 19 | 0.03 | 250 | 2.45 | 0.55 | 1560 | 13.16 | 21.63 | | |
| | | | 37.5% | 2.3 | 40 | 0.05 | 530 | 5.20 | 1.17 | 2160 | 13.25 | 21.78 | | |
| | | | 50.0% | 4.1 | 71 | 0.10 | 840 | 8.24 | 1.85 | 2760 | 11.83 | 19.45 | | |
| | | | 62.5% | 6.7 | 116 | 0.16 | 1220 | 11.96 | 2.69 | 3360 | 10.52 | 17.29 | | |
| | | | 75.0% | 10.3 | 179 | 0.24 | 1670 | 16.38 | 3.68 | 3960 | 9.33 | 15.34 | | |
| | | | 87.5% | 14.7 | 255 | 0.34 | 2190 | 21.48 | 4.83 | 4560 | 8.59 | 14.12 | | |
| | | | 100.0% | 20.3 | 353 | 0.47 | 2850 | 27.95 | 6.28 | 5840 | 8.07 | 13.27 | | |
| | | 18.5" x 6.3 Triple-EDN (KDE) | 25.0% | 1.3 | 22 | 0.03 | 340 | 3.33 | 0.75 | 1560 | 15.45 | 25.41 | | |
| | | | 37.5% | 2.8 | 48 | 0.06 | 640 | 6.28 | 1.41 | 2160 | 13.33 | 21.92 | | |
| | | | 50.0% | 5.2 | 90 | 0.12 | 1020 | 10.00 | 2.25 | 2760 | 11.33 | 18.63 | | |
| | | | 62.5% | 8.4 | 146 | 0.20 | 1470 | 14.42 | 3.24 | 3260 | 10.07 | 16.55 | | |
| | | | 75.0% | 13.0 | 226 | 0.30 | 2010 | 19.71 | 4.43 | 3800 | 8.89 | 14.62 | | |
| | | | 87.5% | 19.1 | 332 | 0.45 | 2610 | 25.60 | 5.75 | 4320 | 7.86 | 12.92 | | |
| | | 21.5" x 7.3 Dual-EDN (KDE) | 25.0% | 1.6 | 27 | 0.04 | 460 | 4.51 | 1.01 | 1580 | 17.04 | 28.01 | | |
| | | | 37.5% | 3.5 | 60 | 0.08 | 860 | 8.43 | 1.90 | 1840 | 14.33 | 23.56 | | |
| | | | 50.0% | 6.9 | 120 | 0.16 | 1400 | 13.73 | 3.09 | 2560 | 11.67 | 19.18 | | |
| | | | 62.5% | 11.8 | 205 | 0.27 | 2040 | 20.01 | 4.50 | 3120 | 9.95 | 16.36 | | |
| | | | 75.0% | 18.2 | 316 | 0.42 | 2730 | 26.77 | 6.02 | 3540 | 8.64 | 14.20 | | |
| | | | 87.5% | 27.7 | 481 | 0.65 | 3600 | 35.30 | 7.94 | 4140 | 7.48 | 12.30 | | |
| | | | 100.0% | 36.4 | 633 | 0.85 | 4490 | 44.03 | 9.90 | 4560 | 7.09 | 11.66 | | |
| | | 21.5" x 7.3 Triple-EDN (KDE) | 25.0% | 2.0 | 34 | 0.05 | 570 | 5.59 | 1.26 | 1440 | 16.76 | 27.56 | | |
| | | | 37.5% | 4.5 | 78 | 0.10 | 1050 | 10.30 | 2.31 | 1820 | 13.46 | 22.13 | | |
| | | | 50.0% | 9.0 | 156 | 0.21 | 1680 | 16.48 | 3.70 | 2480 | 10.77 | 17.70 | | |
| | | | 62.5% | 15.0 | 261 | 0.35 | 2400 | 23.54 | 5.29 | 2920 | 9.20 | 15.12 | | |
| | | | 75.0% | 23.2 | 403 | 0.54 | 3160 | 30.99 | 6.97 | 3400 | 7.84 | 12.89 | | |
| | | | 87.5% | 33.7 | 586 | 0.79 | 4020 | 39.42 | 8.86 | 3880 | 6.86 | 11.28 | | |
| | | 100.0% | 45.4 | 789 | 1.06 | 5040 | 49.43 | 11.11 | 4260 | 6.39 | 10.50 | | | |
| | | 23.1V (6S) 26.1V MAX | 15.5" x 5.3 Dual-EDN (KDE) | 25.0% | 1.3 | 33 | 0.04 | 340 | 3.33 | 0.75 | 2400 | 10.30 | 16.94 | |
| | | | | 37.5% | 2.6 | 67 | 0.09 | 640 | 6.28 | 1.41 | 3360 | 9.55 | 15.70 | |
| | | | | 50.0% | 4.6 | 120 | 0.16 | 1040 | 10.20 | 2.29 | 4260 | 8.67 | 14.25 | |
| | 62.5% | | | 7.2 | 187 | 0.25 | 1510 | 14.81 | 3.33 | 5100 | 8.07 | 13.27 | | |
| | 75.0% | | | 10.8 | 281 | 0.38 | 2050 | 20.10 | 4.52 | 5940 | 7.30 | 11.99 | | |
| | 87.5% | | | 17.1 | 446 | 0.60 | 2840 | 27.85 | 6.26 | 6920 | 6.37 | 10.47 | | |
| | 100.0% | | | 22.5 | 587 | 0.79 | 3620 | 35.50 | 7.98 | 7660 | 6.17 | 10.14 | | |
| | 15.5" x 5.3 Triple-EDN (KDE) | | 25.0% | 1.6 | 41 | 0.05 | 430 | 4.22 | 0.95 | 2460 | 10.49 | 17.24 | | |
| | | | 37.5% | 3.1 | 80 | 0.11 | 790 | 7.75 | 1.74 | 3240 | 9.88 | 16.23 | | |
| | | | 50.0% | 5.7 | 148 | 0.20 | 1250 | 12.26 | 2.76 | 4120 | 8.45 | 13.89 | | |
| | | | 62.5% | 9.3 | 242 | 0.32 | 1810 | 17.75 | 3.99 | 4920 | 7.48 | 12.30 | | |
| | | | 75.0% | 14.2 | 370 | 0.50 | 2440 | 23.93 | 5.38 | 5780 | 6.59 | 10.84 | | |
| | | | 87.5% | 21.6 | 563 | 0.75 | 3310 | 32.46 | 7.30 | 6600 | 5.88 | 9.67 | | |
| | 100.0% | | 29.0 | 756 | 1.01 | 4200 | 41.19 | 9.26 | 7420 | 5.56 | 9.13 | | | |
| | 18.5" x 6.3 Dual-EDN (KDE) | | 25.0% | 2.0 | 52 | 0.07 | 600 | 5.88 | 1.32 | 2340 | 11.54 | 18.97 | | |
| | | | 37.5% | 3.9 | 101 | 0.14 | 1060 | 10.40 | 2.34 | 3120 | 10.50 | 17.25 | | |
| | | | 50.0% | 7.3 | 190 | 0.25 | 1700 | 16.67 | 3.75 | 3960 | 8.95 | 14.71 | | |
| | | | 62.5% | 12.0 | 313 | 0.42 | 2460 | 24.12 | 5.42 | 4800 | 7.86 | 12.92 | | |
| | | | 75.0% | 19.0 | 495 | 0.66 | 3390 | 33.24 | 7.47 | 5580 | 6.85 | 11.26 | | |
| | | | 87.5% | 28.3 | 738 | 0.99 | 4460 | 43.74 | 9.83 | 6380 | 6.04 | 9.94 | | |
| | | | 100.0% | 37.9 | 989 | 1.33 | 5670 | 55.60 | 12.50 | 7080 | 5.73 | 9.43 | | |
| | 18.5" x 6.3 Triple-EDN (KDE) | | 25.0% | 2.3 | 60 | 0.08 | 720 | 7.06 | 1.59 | 2240 | 12.00 | 19.73 | | |
| | | | 37.5% | 4.8 | 125 | 0.17 | 1270 | 12.45 | 2.80 | 3000 | 10.16 | 16.70 | | |
| | | | 50.0% | 9.3 | 242 | 0.32 | 2040 | 20.01 | 4.50 | 3840 | 8.43 | 13.86 | | |
| | | | 62.5% | 15.8 | 412 | 0.55 | 2950 | 28.93 | 6.50 | 4600 | 7.16 | 11.77 | | |
| | | | 75.0% | 24.1 | 629 | 0.84 | 3980 | 39.03 | 8.77 | 5320 | 6.33 | 10.40 | | |
| | | | 87.5% | 35.3 | 921 | 1.24 | 5200 | 50.99 | 11.46 | 6080 | 5.65 | 9.28 | | |
| | 100.0% | | 48.2 | 1258 | 1.69 | 6500 | 63.74 | 14.33 | 6660 | 5.17 | 8.49 | | | |
| | 21.5" x 7.3 Dual-EDN (KDE) | | 25.0% | 2.8 | 73 | 0.10 | 910 | 8.92 | 2.01 | 2180 | 12.47 | 20.49 | | |
| | | | 37.5% | 6.5 | 169 | 0.23 | 1750 | 17.16 | 3.86 | 2880 | 10.36 | 17.02 | | |
| | | 50.0% | 12.5 | 326 | 0.44 | 2740 | 26.87 | 6.04 | 3600 | 8.40 | 13.82 | | | |
| | | 62.5% | 21.9 | 571 | 0.77 | 4010 | 39.32 | 8.84 | 4320 | 7.02 | 11.55 | | | |
| | | 75.0% | 32.0 | 835 | 1.12 | 5090 | 49.92 | 11.22 | 4820 | 6.10 | 10.02 | | | |
| | | 87.5% | 48.2 | 1258 | 1.69 | 6510 | 63.84 | 14.35 | 5480 | 5.17 | 8.51 | | | |
| | | 100.0% | 65.5 | 1709 | 2.29 | 8270 | 81.10 | 18.23 | 6000 | 4.84 | 7.96 | | | |
| | 30.8V (8S) 34.8V MAX | 15.5" x 5.3 Dual-EDN (KDE) | 25.0% | 2.2 | 76 | 0.10 | 670 | 6.57 | 1.48 | 3420 | 8.82 | 14.49 | | |
| | | | 37.5% | 3.8 | 132 | 0.18 | 1080 | 10.59 | 2.38 | 4320 | 8.18 | 13.45 | | |
| | | | 50.0% | 6.8 | 236 | 0.32 | 1730 | 16.97 | 3.81 | 5480 | 7.33 | 12.05 | | |
| | | | 62.5% | 11.5 | 400 | 0.54 | 2560 | 25.11 | 5.64 | 6600 | 6.40 | 10.52 | | |
| | | | 75.0% | 17.9 | 622 | 0.83 | 3510 | 34.42 | 7.74 | 7620 | 5.64 | 9.28 | | |
| | | | 87.5% | 25.5 | 887 | 1.19 | 4520 | 44.33 | 9.96 | 8700 | 5.10 | 8.38 | | |
| | | 100.0% | 35.4 | 1231 | 1.65 | 5840 | 57.27 | 12.87 | 9720 | 4.74 | 7.80 | | | |
| | | 15.5" x 5.3 Triple-EDN (KDE) | 25.0% | 2.5 | 87 | 0.12 | 810 | 7.94 | 1.79 | 3200 | 9.31 | 15.31 | | |
| | | | 37.5% | 4.7 | 163 | 0.22 | 1310 | 12.85 | 2.89 | 4200 | 8.04 | 13.21 | | |
| | | | 50.0% | 8.4 | 292 | 0.39 | 2050 | 20.10 | 4.52 | 5240 | 7.02 | 11.54 | | |
| | | | 62.5% | 13.9 | 483 | 0.65 | 2990 | 29.32 | 6.59 | 6280 | 6.19 | 10.18 | | |
| | | | 75.0% | 22.6 | 786 | 1.05 | 4100 | 40.21 | 9.04 | 7480 | 5.22 | 8.58 | | |
| | | | 87.5% | 33.0 | 1148 | 1.54 | 5310 | 52.07 | 11.71 | 8380 | 4.63 | 7.60 | | |
| | | | 100.0% | 44.5 | 1548 | 2.08 | 6710 | 65.80 | 14.79 | 9320 | 4.33 | 7.13 | | |
| | | 18.5" x 6.3 Dual-EDN (KDE) | 25.0% | 3.0 | 104 | 0.14 | 1000 | 9.81 | 2.20 | 3000 | 9.62 | 15.81 | | |
| | | | 37.5% | 6.1 | 212 | 0.28 | 1810 | 17.75 | 3.99 | 4080 | 8.54 | 14.04 | | |
| | | | 50.0% | 11.1 | 386 | 0.52 | 2760 | 27.07 | 6.08 | 5040 | 7.15 | 11.75 | | |
| | | | 62.5% | 18.2 | 633 | 0.85 | 3930 | 38.54 | 8.66 | 6000 | 6.21 | 10.21 | | |
| | | | 75.0% | 30.0 | 1044 | 1.40 | 5510 | 54.03 | 12.15 | 7080 | 5.28 | 8.68 | | |
| | | | 87.5% | 45.1 | 1569 | 2.10 | 7250 | 71.10 | 15.98 | 8040 | 4.62 | 7.60 | | |
| | | 100.0% | 57.3 | 1994 | 2.67 | 8740 | 85.71 | 19.27 | 8780 | 4.38 | 7.21 | | | |
| | | 18.5" x 6.3 Triple-EDN (KDE) | 25.0% | 3.2 | 111 | 0.15 | 1140 | 11.18 | 2.51 | 2800 | 10.27 | 16.88 | | |
| | | | 37.5% | 7.2 | 250 | 0.34 | 2100 | 20.59 | 4.63 | 3840 | 8.40 | 13.81 | | |
| | | | 50.0% | 13.5 | 469 | 0.63 | 3220 | 31.58 | 7.10 | 4800 | 6.87 | 11.29 | | |
| | | | 62.5% | 22.5 | 783 | 1.05 | 4540 | 44.52 | 10.01 | 5660 | 5.80 | 9.53 | | |
| | | | 75.0% | 38.9 | 1353 | 1.81 | 6380 | 62.57 | 14.07 | 6660 | 4.72 | 7.75 | | |
| | | | 87.5% | 52.9 | 1840 | 2.47 | 8090 | 79.34 | 17.84 | 7420 | 4.40 | 7.23 | | |
| | | 100.0% | 73.1 | 2543 | 3.41 | 9830 | 96.40 | 21.67 | 8240 | 3.87 | 6.35 | | | |
| | | Note : performance chart provided under the test conditions listed below. Measurements taken under alternate conditions will affect the final results. <i>Location</i> : KDE Direct HQ Dynamometer V2 (Bend, Oregon) <i>Altitude</i> : 3730 ft (1137 m) <i>Pressure</i> : 30.3 inHg (1026 hPa) <i>Temperature</i> : 72 °F (22°C) <i>Humidity</i> : 35% (Relative) | | | | | | | | | | | | |