

| Motor Version | Voltage LiHV [V] | Propeller Size | Throttle Range | Amperage | Power Input | | Thrust Output | | | RPM | Efficiency | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|------------------------------------|----------------|-----------------------------------------|-----------------------------------------|-------|---------------|-------|-------|------------------------------------------------|--------------------------------------------|----------------------------------------------|
| | | | | [A] <small>(Lower is Better)</small> | [W] <small>(Lower is Better)</small> | [hp] | [g] | [N] | [lb] | [rev/min] <small>(Higher is Better)</small> | [g/W] <small>(Higher is Better)</small> | [lb/hp] <small>(Higher is Better)</small> |
| KDE3510XF-475 (475Kv) KDEXF-UAS55 S.R. Enabled | 15.4V (4S) 17.4V MAX | 12.5" x 4.3 Dual-EDN (KDE) | 25.0% | 0.3 | 5 | 0.01 | 90 | 0.88 | 0.20 | 2180 | 18.00 | 29.59 |
| | | | 37.5% | 0.7 | 12 | 0.02 | 190 | 1.86 | 0.42 | 3120 | 15.83 | 26.03 |
| | | | 50.0% | 1.4 | 24 | 0.03 | 300 | 2.94 | 0.66 | 4020 | 12.50 | 20.55 |
| | | | 62.5% | 2.4 | 41 | 0.05 | 450 | 4.41 | 0.99 | 4980 | 10.98 | 18.04 |
| | | | 75.0% | 3.8 | 66 | 0.09 | 640 | 6.28 | 1.41 | 5880 | 9.70 | 15.94 |
| | | | 87.5% | 5.5 | 95 | 0.13 | 830 | 8.14 | 1.83 | 6680 | 8.74 | 14.36 |
| | | | 100.0% | 7.4 | 128 | 0.17 | 1060 | 10.40 | 2.34 | 7440 | 8.28 | 13.61 |
| | | 12.5" x 4.3 Triple-EDN (KDE) | 25.0% | 0.4 | 6 | 0.01 | 120 | 1.18 | 0.26 | 2120 | 20.00 | 32.88 |
| | | | 37.5% | 0.9 | 15 | 0.02 | 250 | 2.45 | 0.55 | 3080 | 16.67 | 27.40 |
| | | | 50.0% | 1.9 | 33 | 0.04 | 380 | 3.73 | 0.84 | 3980 | 11.52 | 18.93 |
| | | | 62.5% | 3.2 | 55 | 0.07 | 550 | 5.39 | 1.21 | 4880 | 10.00 | 16.44 |
| | | | 75.0% | 5.1 | 88 | 0.12 | 770 | 7.55 | 1.70 | 5680 | 8.75 | 14.38 |
| | | | 87.5% | 7.5 | 130 | 0.17 | 980 | 9.61 | 2.16 | 6480 | 7.54 | 12.39 |
| | | 15.5" x 5.3 Dual-EDN (KDE) | 25.0% | 0.7 | 12 | 0.02 | 230 | 2.26 | 0.51 | 1980 | 19.17 | 31.51 |
| | | | 37.5% | 1.8 | 31 | 0.04 | 460 | 4.51 | 1.01 | 2880 | 14.84 | 24.39 |
| | | | 50.0% | 3.6 | 62 | 0.08 | 750 | 7.35 | 1.65 | 3680 | 12.10 | 19.89 |
| | | | 62.5% | 6.3 | 109 | 0.15 | 1110 | 10.89 | 2.45 | 4320 | 10.18 | 16.74 |
| | | | 75.0% | 9.9 | 172 | 0.23 | 1460 | 14.32 | 3.22 | 4920 | 8.49 | 13.95 |
| | 87.5% | | 14.2 | 247 | 0.33 | 1790 | 17.55 | 3.95 | 5520 | 7.25 | 11.91 | |
| | 100.0% | | 18.2 | 316 | 0.42 | 2160 | 21.18 | 4.76 | 6000 | 6.84 | 11.24 | |
| | 15.5" x 5.3 Triple-EDN (KDE) | 25.0% | 0.9 | 15 | 0.02 | 290 | 2.84 | 0.64 | 1920 | 19.33 | 31.78 | |
| | | 37.5% | 2.3 | 40 | 0.05 | 560 | 5.49 | 1.23 | 2720 | 14.00 | 23.02 | |
| | | 50.0% | 4.7 | 81 | 0.11 | 870 | 8.53 | 1.92 | 3440 | 10.74 | 17.66 | |
| | | 62.5% | 8.0 | 139 | 0.19 | 1250 | 12.26 | 2.76 | 4080 | 8.99 | 14.78 | |
| | | 75.0% | 12.1 | 210 | 0.28 | 1620 | 15.89 | 3.57 | 4580 | 7.71 | 12.68 | |
| | | 87.5% | 17.0 | 295 | 0.40 | 1970 | 19.32 | 4.34 | 5020 | 6.68 | 10.98 | |
| | 23.1V (6S) 26.1V MAX | 12.5" x 4.3 Dual-EDN (KDE) | 25.0% | 0.5 | 13 | 0.02 | 200 | 1.96 | 0.44 | 3240 | 15.38 | 25.29 |
| | | | 37.5% | 1.4 | 36 | 0.05 | 410 | 4.02 | 0.90 | 4500 | 11.39 | 18.72 |
| | | | 50.0% | 2.7 | 70 | 0.09 | 650 | 6.37 | 1.43 | 5940 | 9.29 | 15.27 |
| | | | 62.5% | 4.6 | 120 | 0.16 | 950 | 9.32 | 2.09 | 7140 | 7.92 | 13.01 |
| 75.0% | | | 7.1 | 185 | 0.25 | 1290 | 12.65 | 2.84 | 8280 | 6.97 | 11.46 | |
| 87.5% | | | 10.9 | 284 | 0.38 | 1740 | 17.06 | 3.84 | 9540 | 6.13 | 10.07 | |
| 100.0% | | | 13.8 | 360 | 0.48 | 2090 | 20.50 | 4.61 | 10380 | 5.81 | 9.54 | |
| 12.5" x 4.3 Triple-EDN (KDE) | | 25.0% | 0.6 | 15 | 0.02 | 240 | 2.35 | 0.53 | 3140 | 16.00 | 26.30 | |
| | | 37.5% | 1.6 | 41 | 0.05 | 490 | 4.81 | 1.08 | 4400 | 11.95 | 19.65 | |
| | | 50.0% | 3.4 | 88 | 0.12 | 780 | 7.65 | 1.72 | 5680 | 8.86 | 14.57 | |
| | | 62.5% | 6.1 | 159 | 0.21 | 1100 | 10.79 | 2.43 | 6880 | 6.92 | 11.37 | |
| | | 75.0% | 9.4 | 245 | 0.33 | 1470 | 14.42 | 3.24 | 7980 | 6.00 | 9.86 | |
| | | 87.5% | 13.8 | 360 | 0.48 | 1980 | 19.42 | 4.37 | 8980 | 5.50 | 9.04 | |
| 15.5" x 5.3 Dual-EDN (KDE) | | 25.0% | 1.2 | 31 | 0.04 | 450 | 4.41 | 0.99 | 2780 | 14.52 | 23.86 | |
| | | 37.5% | 3.5 | 91 | 0.12 | 990 | 9.71 | 2.18 | 4020 | 10.88 | 17.89 | |
| | | 50.0% | 7.1 | 185 | 0.25 | 1580 | 15.49 | 3.48 | 4980 | 8.54 | 14.04 | |
| | | 62.5% | 12.0 | 313 | 0.42 | 2160 | 21.18 | 4.76 | 5820 | 6.90 | 11.35 | |
| | | 75.0% | 17.6 | 459 | 0.62 | 2420 | 23.73 | 5.34 | 6420 | 5.27 | 8.67 | |
| | 87.5% | 23.6 | 615 | 0.82 | 2880 | 28.24 | 6.35 | 6840 | 4.68 | 7.70 | | |
| | 100.0% | 31.6 | 824 | 1.11 | 3520 | 34.52 | 7.76 | 7580 | 4.27 | 7.02 | | |
| 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) | | | | | | | | | | | | |