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iFlight FPV

OVERVIEW

Drone

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iFight XING2 2207 1855KV

| | Techni | ical Datas | 3 | | | | |
|--------------------------------|----------|--|--|---|---|--|--|
| KV | | 1855 | | | | _ | |
| Configu-ration | | 12N14P | | | | 1 | |
| Stator Diamter | | 22mm | | | | 翻 | |
| Stator Length | | 7mm | | | | 100 | |
| Shaft Diameter | | 5mm | | | | 111 | |
| | otor | Ф29 (| 08*19.1mm | | | - | |
| Dimension(Dia.*Le | | 31.6 | | | 13 | | |
| Weight(g) | | 51.6 | | | An = | | 67 |
| current(10)@10V(A | | ≤2.1 | | | 5 | 2 185 | SKY |
| No.of Cells(Lipo) | | | 3~6S | | | | |
| Max Continuous Power(W)180S | | 841.92 | | | | | |
| Internal Resistance | | 50mΩ | | | | | |
| Max Current(60S) | | 35.08A | | | | | |
| 1 | | * | | 5 | | | |
| | | | 13.5 | | | 2.5 | 916 |
| Prop (inch) | Voltages | Throttle (%) | 13.5 | Pull(g) | | Efficiency(g/W) | |
| | | Throttle | Load Currency | Pull(g) 864 | Power(W | Efficiency(| Temperature(in full |
| | | Throttle (%) 50% 60% | Load Currency (A) 8.25 11.86 | | Power(W | Efficiency(g/W) | 4-16 Temperature(in full |
| | (v) | Throttle (%) 50% | Load Currency (A) 8.25 | 864 | Power(W) 197.52 | Efficiency(g/W) 4.374 | Temperature(in full throttle load 60S) |
| (inch) | | Throttle (%) 50% 60% | Load Currency (A) 8.25 11.86 | 864 1021 | Power(W) 197.52 284.64 | Efficiency(g/W) 4.374 3.587 | 4-16 Temperature(in full |
| (inch) | (v) | Throttle (%) 50% 60% 70% | Load Currency (A) 8.23 11.86 17.63 | 864 1021 1208 | Power(W) 197.52 284.64 423.12 | Efficiency(g/W) 4.374 3.587 2.855 | Temperature(in full throttle load 60S) |
| (inch) | (v) | Throttle (%) 50% 60% 70% 80% | Load Currency (A) 8.25 11.86 17.63 22.48 27.38 35.08 | 864 1021 1208 1339 | Power(W) 197.52 284.64 423.12 539.52 | Efficiency(g/W) 4.374 3.587 2.855 2.482 | Temperature(in full throttle load 60S) |
| (inch) | (v) | Throttle (%) 50% 60% 70% 80% 90% | Load Currency (A) 8.25 11.86 17.63 22.48 27.38 | 864 1021 1208 1339 1509 | Power(W) 197.52 284.64 423.12 539.52 657.12 | Efficiency(g/W) 4.374 3.587 2.855 2.482 2.296 | Temperature(in full throttle load 60S) |
| (inch) | (v) | Throttle (%) 50% 60% 70% 80% 90% 100% | Load Currency (A) 8.25 11.86 17.63 22.48 27.38 35.08 | 864 1021 1208 1339 1509 1685 | Power(W) 197.52 284.64 423.12 539.52 657.12 841.92 | Efficiency(g/W) 4.374 3.587 2.855 2.482 2.296 2.001 | Temperature(in full throttle load 60S) |
| (inch) | (V) 24 | Throttle (%) 50% 60% 70% 80% 90% 100% 50% | Load Currency (A) 8.25 11.86 17.63 22.48 27.38 35.08 7.55 | 864 1021 1208 1339 1509 1685 713 | Power(W) 197.52 284.64 423.12 539.52 657.12 841.92 180.72 | Efficiency(g/W) 4.374 3.587 2.855 2.482 2.296 2.001 3.945 | Temperature(in full throttle load 60S) |
| (inch) 51466 | (v) | Throttle (%) 50% 60% 70% 80% 90% 100% 50% 60% | Load Currency (A) 8.23 11.86 17.63 22.48 27.38 35.08 7.53 10.56 | 864 1021 1208 1339 1509 1685 713 909 | Power(W) 197.52 284.64 423.12 539.52 657.12 841.92 180.72 253.44 | Efficiency(g/W) 4.374 3.587 2.855 2.482 2.296 2.001 3.945 3.587 | Temperature(in full throttle load 60S) |
| (inch) 51466 | (V) 24 | Throttle (%) 50% 60% 70% 80% 70% 60% 70% | Load Currency (A) 8.25 11.86 17.63 22.48 27.38 35.08 7.53 10.56 15.36 | 864 1021 1208 1339 1509 1685 713 909 1081 | Power(W) 197.52 284.64 423.12 539.52 657.12 841.92 180.72 253.44 368.64 | Efficiency(g/W) 4.374 3.587 2.855 2.482 2.296 2.001 3.945 3.587 2.932 | Temperature(in full throttle load 60S) |
| (inch) 51466 | (V) 24 | Throttle (%) 50% 60% 80% 90% 100% 50% 60% 90% 100% 80% | Load Currency (A) 8.25 11.86 17.63 22.48 27.38 35.08 7.55 10.56 15.36 20.30 | 864 1021 1208 1339 1509 1685 713 909 1081 1231 | Power(W) 197.52 284.64 423.12 539.52 657.12 841.92 180.72 253.44 368.64 487.2 | Efficiency(g/W) 4.374 3.587 2.855 2.482 2.296 2.001 3.945 3.587 2.932 2.527 | Temperature(in full throttle load 60S) |

iFight XING2 2207 2755KV

| | Techni | cal Datas | S | | | | |
|--------------------------------|-----------------|--|--|---|---|--|---|
| K | CV | | 2755 | | | - | |
| Configu-ration | | 12N14P | | | | *** | |
| Stator Diamter | | 22mm | | | | 翻翻 | |
| Stator Length | | 7mm | | | | 菲 | |
| Shaft Diameter | | 5mm | | | | | |
| Motor Dimension(Dia.*Le | | Ф29.08*19.1mm | | | | | |
| Weight(g) | | 31.6 | | | | | |
| Idle current(10)@10V(A | | ≤2.1 | | | NG | 22 | 07 akv |
| No.of Ce | ells(Lipo) | | 3~5S | | | 200 | |
| Max Continuous Power(W)180S | | 645.6 | | | | | |
| Internal Resistance | | 41.5mΩ | | | | | |
| Max Curi | rent(60S) | 40.35 | | | | | |
| | | | | 10 1 | 1±0.2 | | |
| | | | | 17. | 20.2 | | - F |
| | and a | | 13.5 | _\\ | | | |
| | | St. of the second | 13.5 | | | 2.5 | 0 |
| Prop | Voltages | Throttle | Load Currency | Pull(g) | Power(W | Efficiency(| 4-1/3 Temperature(in full |
| Prop (inch) | Voltages (V) | Throttle (%) | Load Currency | V. S. C. | Power(W | Efficiency(g/W) | 4-163 |
| | | Throttle (%) 50% | Load Currency (A) 11.02 | 650 | Power(W) 176.32 | Efficiency(g/W) 3.686 | 4-1/3 Temperature(in full |
| (inch) | (v) | Throttle (%) 50% 60% | Load Currency (A) 11.02 15.89 | 650 823 | Power(W) 176.32 254.24 | Efficiency(g/W) 3.686 3.237 | Temperature(in full throttle load 60S) |
| | | Throttle (%) 50% | Load Currency (A) 11.02 | 650 | Power(W) 176.32 | Efficiency(g/W) 3.686 3.237 2.987 | 4-1/3 Temperature(in full |
| (inch) | (v) | Throttle (%) 50% 60% 70% 80% | Load Currency (A) 11.02 15.89 22.01 28.32 | 650 823 1052 1242 | Power(W) 176.32 254.24 352.16 453.12 | Efficiency(g/W) 3.686 3.237 2.987 2.741 | Temperature(in full throttle load 60S) |
| (inch) | (v) | Throttle (%) 50% 60% 70% 80% 90% | Load Currency (A) 11.02 15.89 22.01 28.32 53.96 | 650 823 1052 1242 1386 | Power(W) 176.32 254.24 352.16 453.12 543.36 | Efficiency(g/W) 3.686 3.237 2.987 2.741 2.551 | Temperature(in full throttle load 60S) |
| (inch) | (v) | Throttle (%) 50% 60% 70% 80% | Load Currency (A) 11.02 15.89 22.01 28.32 | 650 823 1052 1242 | Power(W) 176.32 254.24 352.16 453.12 | Efficiency(g/W) 3.686 3.237 2.987 2.741 | Temperature(in full throttle load 60S) |
| (inch) | (v) | Throttle (%) 50% 60% 70% 80% 90% 100% | Load Currency (A) 11.02 15.89 22.01 28.32 33.96 40.35 | 650 823 1052 1242 1386 1576 | Power(W) 176.32 254.24 352.16 453.12 543.36 645.6 | Efficiency(g/W) 3.686 3.237 2.987 2.741 2.551 2.441 3.883 | Temperature(in full throttle load 60S) |
| (inch) 51466 | 16 | Throttle (%) 50% 60% 70% 80% 90% 100% 50% | Load Currency (A) 11.02 15.89 22.01 28.32 33.96 40.35 10.30 | 650 823 1052 1242 1386 1576 640 | Power(W) 176.32 254.24 352.16 453.12 543.36 645.6 164.8 | Efficiency(g/W) 3.686 3.237 2.987 2.741 2.551 2.441 | Temperature(in full throttle load 60S) |
| (inch) | (v) | Throttle (%) 50% 60% 70% 80% 90% 100% 50% 60% 70% | Load Currency (A) 11.02 15.89 22.01 28.32 33.96 40.35 10.30 14.65 20.47 | 650 823 1052 1242 1386 1576 640 810 954 | Power(W) 176.32 254.24 352.16 453.12 543.36 645.6 164.8 234.4 327.52 | Efficiency(g/W) 3.686 3.237 2.987 2.741 2.551 2.441 3.456 2.913 | Temperature(in full throttle load 60S) |
| (inch) 51466 | 16 | Throttle (%) 50% 60% 70% 80% 100% 50% 60% 90% 100% 50% 60% 80% | Load Currency (A) 11.02 15.89 22.01 28.32 33.96 40.35 10.30 14.65 20.47 26.24 | 650 823 1052 1242 1386 1576 640 810 954 1008 | Power(W) 176.32 254.24 352.16 453.12 543.36 645.6 164.8 234.4 327.52 419.84 | Efficiency(g/W) 3.686 3.237 2.987 2.741 2.551 2.441 3.883 3.456 2.915 2.401 | Temperature(in full throttle load 60S) |
| (inch) 51466 | 16 | Throttle (%) 50% 60% 70% 80% 90% 100% 50% 60% 70% | Load Currency (A) 11.02 15.89 22.01 28.32 33.96 40.35 10.30 14.65 20.47 | 650 823 1052 1242 1386 1576 640 810 954 | Power(W) 176.32 254.24 352.16 453.12 543.36 645.6 164.8 234.4 327.52 | Efficiency(g/W) 3.686 3.237 2.987 2.741 2.551 2.441 3.456 2.913 | Temperature(in full throttle load 60S) |