

BLACKBOX 510R

ELECTRONICS SET-UP SHEET

Voltage input:	2S LiPo
On resistance (Ω)	0.105
Continuous current (A)	150
Dimensions (mm)	38.5 x 36.9 x 19.5
Weight w/o wires & fan (g)	44
Motor limit	3.5T
BEC	6.0 - 7.4V / 5A

DRIVER: Blake Champlin

EVENT: Club Racing

TRACK: 702 R/C Raceway

DATE: Fall 2019

VEHICLE: T6.1

CONDITIONS: Black CRC Carpet

BATTERY: #27335 Reedy Zapper 4800mah 110C

TEMP: N/A

ESC INFO

FIRMWARE: B468314

CAPACITOR TYPE: Stock

FAN: #27031 10mm

WIRE SIZE: 13 AWG

THROTTLE

3A PUNCH CTRL: Level 5

3B INIT THROTTLE: 0%

3C DRIVE FREQ: 6 KHz

3D DEAD BAND: 6%

3E CURRENT LIMIT: 100%

MISC CONTROL

6A RUN MODE: F/B F/B/R

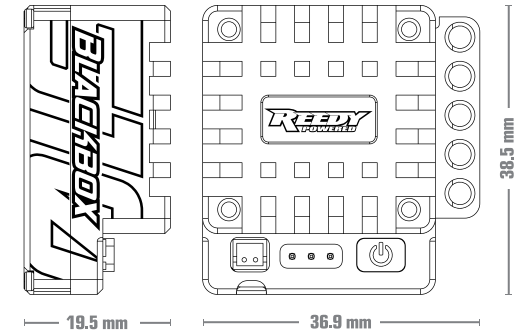
6B REVERSE PWR: 25% 50% 75% 100%

6C BATT CUTOFF: NONE 3.2V/CELL 3.4V/CELL

6D ESC TEMP CUT: OFF 176F/80C 194F/90C

6E MOT ROTATION: NORMAL REVERSE

6F BEC VOLTAGE: 6.0V 7.4V



BRAKE

1A DRAG BRAKE: 12%

1B BRAKE STRNGTH: 95%

1C INIT BRAKE: Drag Brake

1D DRAG FREQ: 1.5 KHz

1E BRAKE FREQ: 1.5 KHz

1F BRAKE PUNCH: Level 6

MOTOR POWER

EXPERT

4A BOOST TIMING:

4B BOOST ST RPM:

4C BOOST END RPM:

4D B. TH LIMIT:

4E TURBO TIMING:

4F TURBO ST RPM:

4G TURBO ACT:

4H TURBO DELAY:

4J SLEW RATE:

4K RELEASE RATE:

MOTOR SETTINGS

MOTOR: Reedy S-Plus

WIND: #27403 13.5T

TIMING: 44*

ROTOR: #27415 HT

FDR/ROLLOUT: 25 / 81

TEMPERATURE: N/A

DYNAMIC DRAG BRAKE

2A DYNAMIC DRAG:

2B DRAG SW RPM:

2C MAX DDRAG RPM:

2D DRAG REL RATE:

STANDARD

5A TIMING LEVEL: 0

NOTES: -----

#27423 Reedy HV Motor Fan



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