

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: Aydin Horne

EVENT: 2018 JConcepts Winter Indoor Nationals

TRACK: Smac Trac

DATE: 2/11/2018

VEHICLE: T5M

CONDITIONS: Indoors, clay, medium grip

BATTERY: #27322 Reedy Zappers 110C SG 4800

TEMP: 45F

ESC INFO

FIRMWARE: B468314

CAPACITOR TYPE: Stock

FAN: No

WIRE SIZE: 13 AWG

THROTTLE

3A PUNCH CTRL: Level 10

3B INIT THROTTLE: 0%

3C DRIVE FREQ: 8KHz

3D DEAD BAND: 6%

3E CURRENT LIMIT: 100%

MISC CONTROL

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

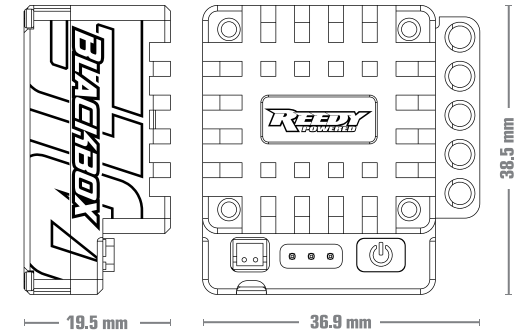
6B REVERSE PWR: 25% 50% 75% 100%

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: 18%

1B BRAKE STRNGTH: 85%

1C INIT BRAKE: 0%

1D DRAG FREQ: 1.5KHz

1E BRAKE FREQ: 2.5KHz

1F BRAKE PUNCH: Level 1

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: #27403 Reedy S-Plus

WIND: 13.5

TIMING: 45*

ROTOR: #27414 S-Plus Rotor

FDR/ROLLOUT: 23/78

TEMPERATURE: N/A

DYNAMIC DRAGE BRAKE

2A DYNAMIC DRAG: N/A

2B DRAG SW RPM: N/A

2C MAX DDRAG RPM: N/A

2D DRAG REL RATE: N/A

STANDARD

5A TIMING LEVEL: Level 0

NOTES:

- Charging to 8.40v @ 6.6 amps on #27200 Reedy 1216-C2 Dual Charger



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