

**REVENTON**  
LEADING INNOVATIVE BRUSHLESS SYSTEM

# STOCK 1

STOCK 1 is for HYBRID BOOST software or open stock racing use

ESC: Speed Passion Reventon PRO

Event: RCF Round 15 - Street King by Keith TBB (SP Driver HK)

Nation: Hong Kong

Date: December 16, 2012

Vehicle: Yokomo BD7

On Road:  Off Road:

Tyres Used:  Rubber  Foam

Conditions:  Dry  Wet  Damp

Spur Gear: 64P/84

Grip Level:  Low  Medium  High

Pinion Gear: 64P/30

Track Type:  Astro  Grass  Dirt

Multi Surface

ESC/Firmware Version: Latest Stock1

## TRACK INFO

Motor Used: Speed Passion MMM 17.5T

Track Name/Location: New ACO (HK)  Indoor  Outdoor

Motor Endbell Timing: 20°

Track Temp.: Weather Temp.: Track Length:

Rotor Used: stock rotor

Grip:  LOW  MEDIUM  HIGH

Gear Ratio: 84/30 (5.6)

Asphalt  Concrete  Carpet  Technical  Mixed  Fast

Battery Used: Yokomo 6000 / Nosram 6900

## Programmable Items

## Programmable Value

1 2 3 4 5 6 7 8 9 10 11

### Basic Items

1. Running Mode	Forward with brake "No reverse" <input checked="" type="radio"/>											
2. Threshold V / Cell Li Po Cut off	2.6V/Cell <input type="radio"/>	2.8V/Cell <input type="radio"/>	3.0V/Cell <input type="radio"/>	3.2V/Cell <input type="radio"/>	3.4V/Cell <input type="radio"/>	No Protection <input checked="" type="radio"/>						
3. Over Heat Protection	Enable 95°C Cut-off <input type="radio"/>	Disable <input checked="" type="radio"/>										

### Advanced Items

4. Percentage Braking - ABS	8% <input type="radio"/>	10% <input type="radio"/>	20% <input type="radio"/>	30% <input type="radio"/>	40% <input type="radio"/>	50% <input type="radio"/>	60% <input type="radio"/>	70% <input checked="" type="radio"/>	80% <input type="radio"/>	90% <input type="radio"/>	100% <input type="radio"/>
5. Percent Drag Brake	0% <input type="radio"/>	10% <input type="radio"/>	20% <input checked="" type="radio"/>	30% <input type="radio"/>	40% <input type="radio"/>	50% <input type="radio"/>	60% <input type="radio"/>	70% <input type="radio"/>	80% <input type="radio"/>		
6. Neutral Range	2% <input type="radio"/>	4% <input type="radio"/>	6% <input checked="" type="radio"/>	8% <input type="radio"/>	10% <input type="radio"/>	12% <input type="radio"/>					

### Hybrid Boost Items

7. Digital Racing Response System - DRRS 3.0	Level 1 <input type="radio"/>	Level 2 <input type="radio"/>	Level 3 <input type="radio"/>	Level 4 <input type="radio"/>	Level 5 <input type="radio"/>	Level 6 <input checked="" type="radio"/>	Level 7 <input type="radio"/>	Level 8 <input type="radio"/>	Level 9 <input type="radio"/>		
8. Hybrid Boost Active	30% <input type="radio"/>	40% <input type="radio"/>	50% <input type="radio"/>	60% <input type="radio"/>	70% <input type="radio"/>	80% <input checked="" type="radio"/>	90% <input type="radio"/>	100% <input type="radio"/>			
9. Hybrid Boost Maximum	110K <input type="radio"/>	115K <input type="radio"/>	120K <input type="radio"/>	125K <input type="radio"/>	130K <input type="radio"/>	135K <input type="radio"/>	140K <input type="radio"/>	145K <input type="radio"/>	150K <input checked="" type="radio"/>		
10. Hybrid Boost Start RPM	3000 RPM <input checked="" type="radio"/>	4000 RPM <input type="radio"/>	5000 RPM <input type="radio"/>	6000 RPM <input type="radio"/>	7000 RPM <input type="radio"/>	8000 RPM <input type="radio"/>	9000 RPM <input type="radio"/>	10000 RPM <input type="radio"/>			
11. Hybrid Boost Delay	0s <input type="radio"/>	0.1s <input checked="" type="radio"/>	0.2s <input type="radio"/>	0.3s <input type="radio"/>	0.4s <input type="radio"/>	0.5s <input type="radio"/>	0.6s <input type="radio"/>	0.7s <input type="radio"/>	0.8s <input type="radio"/>		

\* Recommended setting

12. ESC Temperature		Motor Temperature	
13. Battery Voltage			
14. ESC Firmware	Latest Stock1		

NOTE: Added 80 grams due to the body weigh. Custom drag = 18%. Slope is 12°/0.1s. B main 2nd.