



Driver: \_\_\_\_\_ Vehicle: \_\_\_\_\_  
 Event: \_\_\_\_\_ Firmware Version: \_\_\_\_\_  
 Date: \_\_\_\_\_ Motor: \_\_\_\_\_  
 Track: \_\_\_\_\_ Endbell Timing: \_\_\_\_\_  
 Surface: \_\_\_\_\_ Rotor: \_\_\_\_\_  
 Temperature: \_\_\_\_\_ Final Ratio: \_\_\_\_\_

<b>Data Record</b>	Max. ESC Temperature: _____	Note: _____ _____ _____ _____ _____
	Max. Motor Temperature: _____	
	Min. Battery Voltage: _____	
	Max. Motor RPM: _____	
	Max. Current: _____	

Type	ID	Item	Value																
<b>General Setting</b>	1A	Setting Mode	Basic	Advanced															
	1B	Running Mode	Fwd/Brk	Fwd/Rev/Brk	Fwd/Rev														
	1C	Max. Reverse Force	25%	50%	75%	100%													
	1D	Cutoff Voltage	Disabled	Auto(3.5V/Cell)											_____ 3.0-7.4V Adjustable (Step: 0.1V)				
	1E	ESC Thermal Protection	Disabled	105°C/221°F		125°C/257°F													
	1F	Motor Thermal Protection	Disabled	105°C/221°F		125°C/257°F													
	1G	BEC Voltage	_____ (5V-7.4V Adjustable )																
	1H	Smart Fan	Disabled	Enabled															
	1I	Auto Off	Disabled	Remote Off	Delay 5 Minutes	Delay 10 Minutes													
	1J	Sensor Mode	Full Sensored	Sensored/Sensorless Hybrid															
	1K	Motor Rotation	CCW	CW															
	1L	Phase-AC Swap	Disabled	Enabled															
<b>Throttle Control</b>	2A	Throttle Rate Control	_____ 1-30 Adjustable (Step: 1)																
	2B	Throttle Curvature	_____ -10~10 (Step: 1)			Customized													
	2C	Neutral Range	_____ 3%-10% Adjustable( Step: 1%)																
	2D	Initial Throttle Force	_____ 1-15 Adjustable (Step: 1)																
	2E	Coast	_____ 0-15% Adjustable (Step: 1%)																
	2F	PWM Drive Frequency	_____ 2K-32K(Step: 1)			Customized													
	2G	Softening Value	_____ 0-30° Adjustable (Step: 1°)																
	2H	Softening Range	0%	10%	20%	25%	30%	35%	40%	45%	50%	55%	60%	65%	70%	75%			
	2I	Freewheeling	Disabled	Enabled															
	2J	RPM Decrease Rate	_____ 1-20(Step: 1)																
	<b>Brake Control</b>	3A	Drag Brake Force	_____ 0%-100% Adjustable (Step: 1%)															
		3B	Drag Brake Rate	Auto	_____ 1-20 Adjustable (Step: 1)														
3C		Drag Brake Frequency	0.5K	_____ 1K-16K (Step: 1K)															
3D		Max. Brake Force	_____ 0%-150% Adjustable (Step: 1%)																
3E		Brake Rate Control	_____ 1-20 Adjustable (Step: 1)																
3F		Brake Control	Linear	Traditional											Disc Brake				
3G		ABS Force	_____ 0-20% (Step: 1%)																
3H		Brake Curvature	_____ -10~10 (Step:1)			Customized													
3I		Brake Frequency	0.5K	_____ 1K-16K (Step: 1K)															
<b>Timing</b>		4A	Boost Timing	_____ 0-64° Adjustable (Step: 1°)															
		4B	Boost Timing Activation	Auto	RPM											Throttle			
		4C	Boost Start RPM	_____ 500-35000RPM (Step: 500RPM)															
	4D	Boost End RPM	_____ 3000-60000RPM (Step: 500RPM)																
	4E	Boost Start TH	_____ 1%-90% (Step: 1%)																
	4F	Boost End TH	_____ 10%-100% (Step: 1%)																
	5A	Turbo Timing	_____ 0-64° Adjustable (Step: 1°)																
	5B	Turbo Delay	Instant	0.05s	0.1s	0.15s	0.2s	0.25s	0.3s	0.35s	0.4s	0.45s	0.5s	0.6s	0.7s	0.8s	0.9s	1.0s	
	5C	Turbo Increase Rate	Instant	1deg/0.1s	2deg/0.1s	3deg/0.1s	5deg/0.1s	8deg/0.1s	12deg/0.1s	16deg/0.1s	20deg/0.1s	25deg/0.1s	30deg/0.1s						
	5D	Turbo Decrease Rate	Instant	1deg/0.1s	2deg/0.1s	3deg/0.1s	5deg/0.1s	8deg/0.1s	12deg/0.1s	16deg/0.1s	20deg/0.1s	25deg/0.1s	30deg/0.1s						
	<b>Configuration</b>	6A	Motor Poles	_____ 2-10 (Step: 2)															
		6B	Gear Ratio	_____ 2.0-12.0 (Step: 0.1)															
6C		Tire Diameter	_____ 30mm-150mm (Step: 1)																