



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

| Data Record                   |  | Note: |  |
|-------------------------------|--|-------|--|
| Max. ESC Temperature: _____   |  | _____ |  |
| Max. Motor Temperature: _____ |  | _____ |  |
| Min. Battery Voltage: _____   |  | _____ |  |
| Max. Motor RPM: _____         |  | _____ |  |
| Max. Current: _____           |  | _____ |  |

  

| Type             | ID            | Item                     | Value                                                                                                                                |                                           |
|------------------|---------------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| General Setting  | 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      Sensorless      Sensorless Hybrid                                                                                          |                                           |
|                  | 1K            | Motor Rotation           | CCW      CW                                                                                                                          |                                           |
|                  | 1L            | Phase-AC Swap            | Disabled      Enabled                                                                                                                |                                           |
| Throttle Control | 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)                                                                                                                  |                                           |
|                  | Brake Control | 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)                                                                                                    |                                           |
| Timing           |               | 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 |                                           |
|                  | Configuration | 6A                       | Motor Poles                                                                                                                          | _____ 2-10 (Step: 2)                      |
|                  |               | 6B                       | Gear Ratio                                                                                                                           | _____ 2.0-12.0 (Step: 0.1)                |
| 6C               |               | Tire Diameter            | _____ 30mm-150mm (Step: 1)                                                                                                           |                                           |