BS709E

1/10 2WD EP BAJA

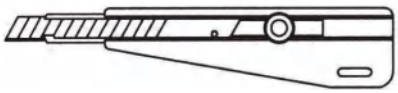
100% RTR

- 2 Wheel Drive
- Ball Differential Box
- 2 in 1 ESC & receiver Version
- Completely waterproof ,driving all weather !
- Baja,Buggy ,Truggy,SC truck four different bodies

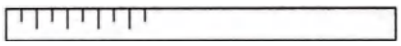
Instruction Manual

Required equipment for operation

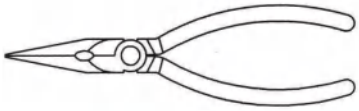
1. Tools required for building and maintenance:



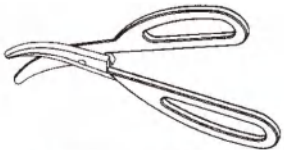
● Hobby knife



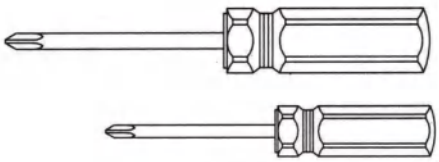
● Precision ruler



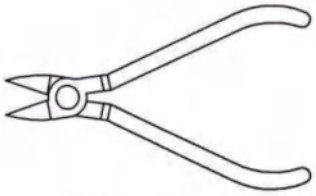
● Needle nose pliers



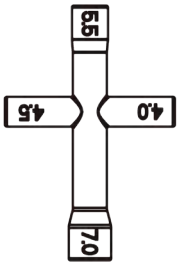
● Lexan scissors



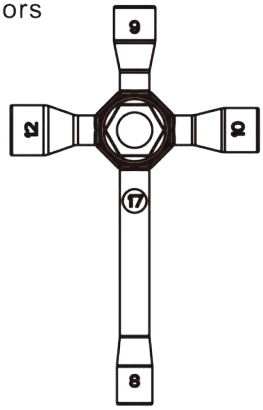
● Flat and Philips screwdriver



● Wire cutters



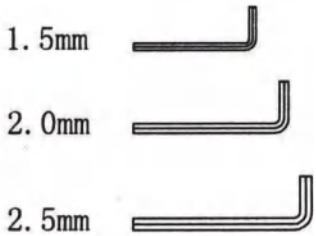
● Cross wrench



● Cross wrench

● CA glue&rubber cement

● Thread locking compound



● Hex wrench

WARNING!

Do not use a power screw driver to install screws into nylon or plastic materials.The fast locking may heat up the screws being installed that may break the molded parts or strip the threads during installation.

2.Additional items needed for operation:

4pcs AA alkaline batteries
for transmitter

IMPORTANT!

Check all the screws are tight before playing the vehicle!
Use thread lock on all screws that work loose.

Please read the instruction carefully before starting the assembly.

1.Please assemble and install this car without children's reach.As it includes small and sharp parts.

2.Do not run the car on public streets or highways.As it might cause serious accidents, personal injuries and property damage etc.

3.During the middle of racing and after operation,the engine and exhaust will become HOT.Therefore please do not touch them before cooling down.

4.Please make sure everyone is using different frequencies while racing the car in the same area.

2.4GHz radio instructions

Special symbols

Please pay attention to the following symbols, and read them carefully.

Danger: If the operator does not operate according to the instructions, it may lead to serious injuries, even mortal danger.

Warning: If the operator does not operate according to the instructions, it may lead to serious injuries, even mortal danger.

Attention: If the operator does not operate according to the instructions,it may lead to serious injuries, even mortal danger.but generally it will not cause serious injuries to the operator.

Safty guidelines

Don't drive the truck at night, bad weather such as rainy or thundering days. It will interfere the transmitter signal.Thereby it will cause out of control and unexpected accident .

Before you drive, please make sure the movement of servo corresponds with the direction of joysticks. If inconsistent, please adjust before drive.

You need to turn the throttle channel(ch2) and inching switch to the lowest before use. Then switch on the transmitter power, finally connect the receiver.

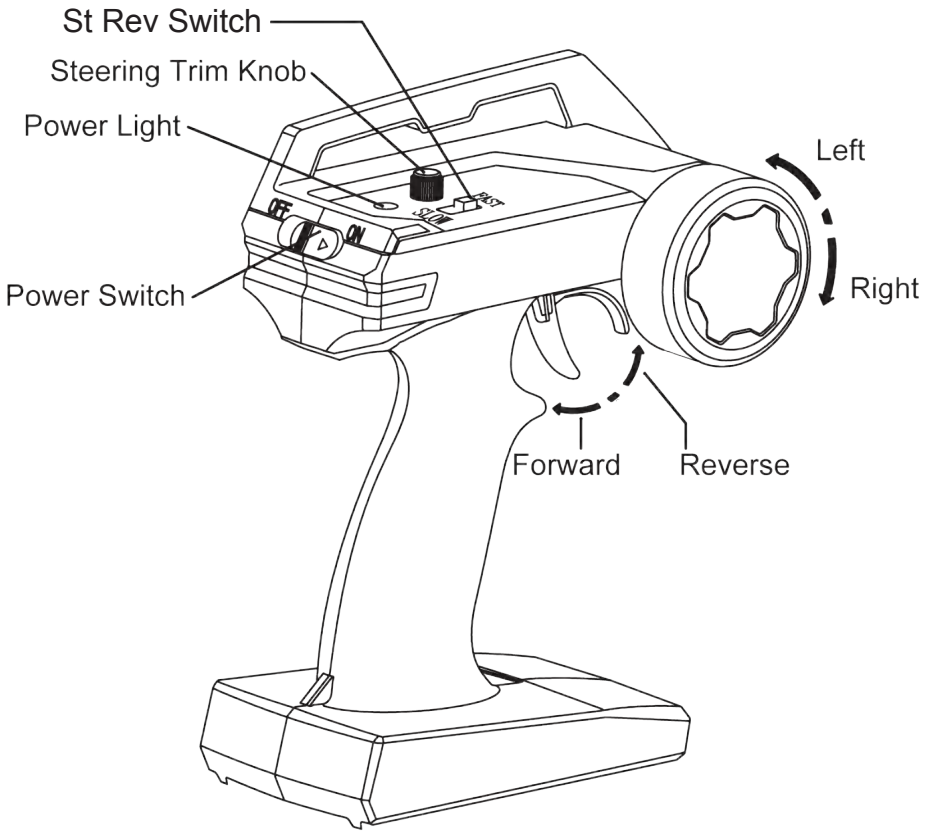
The sequence to shutdown is to turn off the receiver power first, and then the transmitter power.

If the above operations are reversed, it might lead to out of control and cause accident.

Battery charging

If your transmitter, receiver use a nickel-cadmium, nickel-metal hydride rechargeable battery, you have to check it before use. If lack of electricity, it could cause inadequate control or out of control, resulting in accident. So please charge it immediately when the battery power is low.

2.4GHz TRANSMITTER



ST REV SWITCH: Used to change steering orientation

Steering Trim Knob: Turn to make truck drive straight when steering wheel is centered.

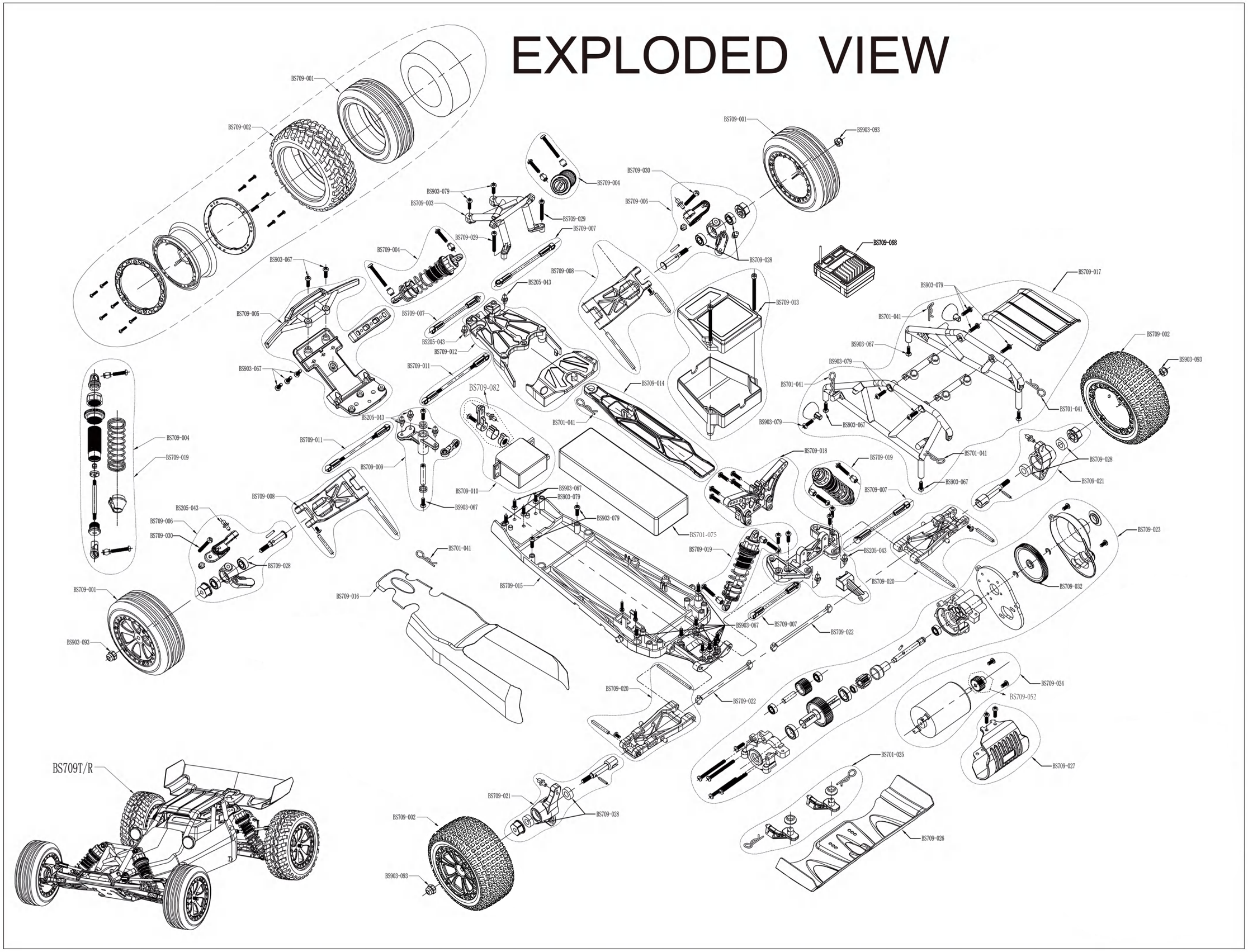
Power Light: Indicates the transmitter is turned on.

Power Switch: Turns transmitter on and off.

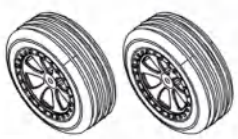
Steering Wheel: Turn left to steer the vehicle left.Turn right to steer the vehicle right.

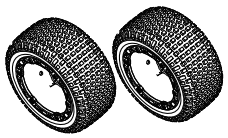
Throttle Trigger: Pull to drive forward,push to drive in reverse.

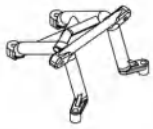
EXPLODED VIEW



COMMON PARTS

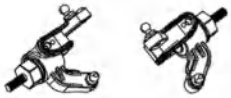

BS709-001 Fr. Tire unit 2pcs


BS709-002 Rr. Tire unit 2pcs

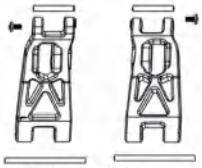

BS709-003 Fr. Brace

BS709-004 Fr. Shock Absorber 2pcs

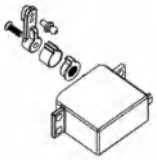
BS709-005 Fr. Bumper


BS709-006 Kunckle arm L/R 2pcs

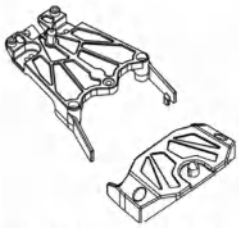
BS709-007 Upper Susp. Arm Link 2pcs

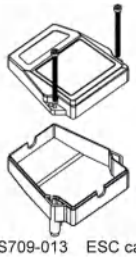

BS709-008 Fr. Susp. Arm L/R 2pcs

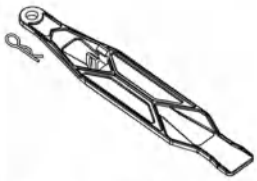
BS709-009 Steering saver unit

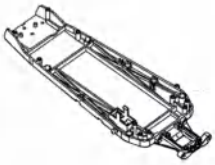

BS709-010 Sevro Unit

BS709-011 Steering Link 2pcs


BS709-012 Fr. Upper Deck

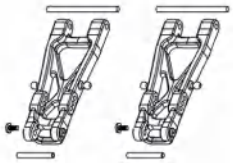

BS709-013 ESC case

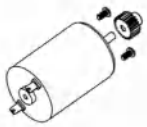

BS709-014 Battery cover

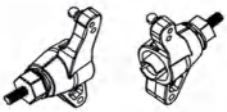

BS709-015 Chassis

BS709-018 Rr. Brace

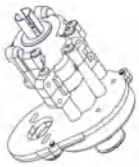
BS709-019 Rr. Shock Absorber 2pcs


BS709-020 Rr. Susp. Arm 2pcs


BS709-024 Motor unit

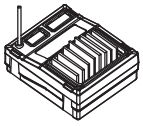

BS709-021 Hub carrier 2pcs

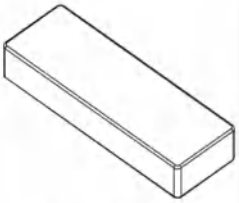
BS709-022N Transverse drive shaft 2pcs


BS709-070 Gear box unit

BS709-027 Motor shield set

BS709-028 Oil bearing 2pcs


BS709-068 Waterproof ESC


BS701-075 Battery

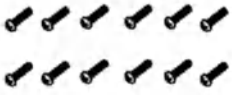
BS709-053 2.4G Transmitter

BS903-093 M4 Nylon lock-nut 6pcs

BS701-041 6# Body clip 6pcs

BS903-076 BT3*20mm screw 12pcs

BS903-074 BT3*14mm screw 12pcs


BS702-057 BM3*6mm screw 12pcs

BS902-045 BM3*8mm screw 12pcs

BS902-046 BM2*10mm screw 12pcs

BS709-029 BT3*25mm screw 12pcs

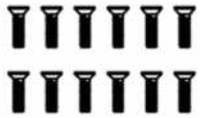
COMMON PARTS

BS709-030 BM3*30mm screw 12pcs

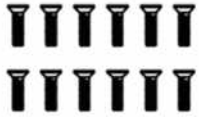
BS709-023 spur gear

BS205-043 SD4.7*12mm screw 6pcs

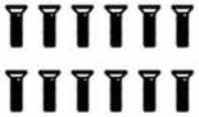
BS205-044 SD4.7*17mm screw 6pcs



BS903-065 TPF2.6*10mm screw 12pcs



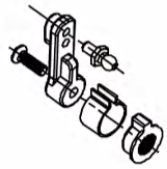
BS903-067 TPF3*10mm screw 12pcs



BS903-070 ISO3*10mm screw 12pcs

BS711-009 Fr.Brace

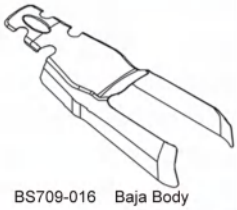
BS709-056 USB charger



BS709-082 Servo horn

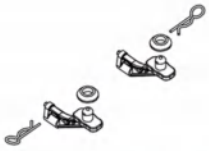
BS709-052 20T motor gear

BS709E



BS709-016 Baja Body

BS709-017 Roll Bar set



BS709-025 Tail wing mount 2pcs

BS709-026 Tail wing

Precautions and Warnings for Use and Handling of Lithium Polymer Battery

Preface

In order to get the optimum performance and reliable safety, consumers shall read and take the following instructions and precautions when use and handle the Lithium Polymer (Li-Po) batteries.

1. Charging

1-1 Charging current should not be more than the maximum charge current specified in the Product Specification (normally 0.5C-1.0C or lower). Charging with higher current may damage the cell or even lead to safety problem, e.g. overheating or leakage.
1-2 Charging voltage shall not be more than that specified in the Product Specification (4.2V/cell). 4.25V is the maximum charging voltage for each cell. Never charge the battery in series and be sure that each single cell has a separated charging circuit with a max. charging voltage of 4.25V.Or the battery may be overcharged, and lead to fire or explosion. The user is fully responsible to the result of misusing the battery.
1-3 Charging temperature: The cell should be charged within the range of temperatures specified in the Product Specification. Stop charging immediately when the surface temperature of the battery is over 50℃.
1-4 Reverse charging: Please make sure the polarities of cells are connected properly before charging. Reverse charging is strictly prohibited. Reverse charging cannot charge the cells but will deteriorate their charging/discharging and safety characteristics, or even lead to fire or explosion.

2. Discharging

2-1 Discharging current: The cell shall be discharged at the current no more than the maximum discharging current specified in the Product Specification. Over current discharging may damage the battery and cause over-heat.
2-2 Operation temperature: Use the battery within the temperature range specified in the Product Specification. Stop using when temperature is over 70℃.
2-3 Over-discharging: Over-discharging will deteriorate the cell’s performance and characteristics. Do not over-discharge a battery below 2.75V/cell.

3. Storage

If you intend to keep the battery for a long time (3 months or longer), it is strongly recommended that the battery shall be stored under the environment with temperature 10-25℃, low humidity and without corrosive gas. The battery should be charged every six months to ensure that each cell’s storage voltage is 3.6~3.9V.

Others

>The aluminum packing foil is very soft that it will be easily left scratches. Please do not hit the cell with any sharp edge parts.
>Don’t fall, hit or bend the battery. It may cause fire or explosion.
>Short circuit the battery is strictly prohibited, it may damage the battery seriously.
>Never disassemble the battery. It may cause fire.
>Never dispose of the battery in fire. It is very dangerous and strictly prohibited.
>To place the battery into liquid such as water is strictly prohibited.
>Always remove battery from car when charging. Charging the battery in a car is forbidden and is dangerous.
>Avoid vibration, shock or extruding the battery. Handle carefully when moving it.

Federal Communications Commission (FCC) Statement. This device complies with part 15 of the FCC Rules. Operation is subject to the following twoconditions:

(1) This device may not cause harmful interference, and

(2) this device must accept any interference received,

including interference that may cause undesired operation. Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide Reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one ormore of the following measures:

•Reorient or relocate the receiving antenna.

•Increase the separation between the equipment and receiver.

•Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

•Consult the dealer or an experienced radio/TV technician for help.

Warning: Changes or modifications made to this device not expressly approved by **BSD RACING TECHNOLGIES CO., LTD** may void the FCC authorization to operate this device.Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user’s authority to operate the equipment.

BSD Racing

http://www.bsdracing.com

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