



Futaba cup 2023 Technical Regulations

(May change without a notice.)

- 1) TAMIYA Super Stock TT02 Class
- 2) Touring Car "Non Boost" Class (17.5T)
- 3) FWD Class(17.5T)
- 4) Touring Car Stock "Open B/L" 13.5 Class
- 5) Classic Buggy Class **ฟรีค่าสมัคร**

Futaba cup 2023 GENERAL REGULATIONS:

PERSONAL TRANSPONDER:

Organizers run an AMB Counting System compatible with both AMB square type Transponders and Personal Transponders.

Driver's Car and Battery should pass inspection before the race.

Technical Regulations for "Non Boost" Class:

Entry Fee: 600 Baht

IFMAR ISTC 1/10 EP Touring Car will be used for this event. The additional regulations are as following: **should be on the market**

1. BODYSHELL AND APPEARANCE:

1.1 "No Boost" Class Bodyshell Appearance:

- Car bodyshell must be a licenced 1/10 "2 doors type" version of the original Full Scale Manufacturer (Ferrari, Nissan, Audi, Honda, etc.) except Honda NSX before 2010 body, Ebbro35R and Ebbro 408R. ARTA Garaiya
- RC Bodies Manufacturers allowed for this class: HPI, Tamiya, YOKOMO and ABC Hobby only.
- 190mm AND 200mm wide bodysshells are ALLOWED.

ALLOWED REAR WING:

- Original Wing.
- Bodyshell maker optional wing.
- Ride "HD Rip" wing No: 27007.
- Ride High Down force Wing No: 27006.

HANDMADE WINGS ARE NOT ALLOWED.

TAMIYA Hop up option wings are allowed.

- 1.2.1 - Tires, motor and battery cannot exceed the bodyshell limits when viewed from above.
- 1.2.2 - The mirrors and windows must be left clear or smoke color.
- 1.2.3 - The bodyshell must be painted.
- 1.2.4 - The Front and Rear lights of the car must be represented (by paint or supplied stickers).
- 1.2.5 - The standard body wings and spoilers can be used.
- 1.2.6 - Optional wings are allowed as long as they meet the dimension requirements.
- 1.2.7 - No extra holes are allowed on the whole bodysshell, exception for the following:

antenna tube, body post/mount and transponder, which shall not be larger than 10mm in diameter.

1.2.8 - Dimensions: Maximum width without body 190mm.

Maximum width with body 200mm.

Maximum wheelbase 273mm.

Minimum Roof height 115mm

No Minimum ride height.

Wing

2. BUMPER

2.1 - Bumper use is up to the driver. However, use of bumper is safer.

2.2 - Front and rear bumper cannot exceed the overall body shell dimension.

3. WING

3.1 - Only one wing is allowed, fitted in the same place as the wing on the original car.

3.2 - The wing may overhang the rear of the body shell limit by 10 mm MAX.

3.3 - The height of the wing may be adjusted, but the wing including endplates must not extend higher than the roofline.

3.4 - Wing or spoiler can only be used on the rear of the car. (No front wing)

3.5 - One tab or gurney flap only is allowed which must be fitted securely to the rear wing, and must be contained within the wing dimensions.

3.6 - Wings/splitters/spoilers/tabs/gurney flaps must be fixed rigidly to the body and/or wing, and may not be moved while the car is in motion.

4. CHASSIS AND DRIVE TRAIN

- Only four (4) wheel drive transmission type is allowed for this event.

5. WEIGHT

- The weight of the car, ready to race including timing equipment (transponder), at any time of the race shall be: **1320g** MINIMUM.

6. BATTERIES APPROVAL

6.1 - Maximum 6 cells 7.2V Sub-C NiCd/NiMH or Maximum 2 cells 7.4V-7.6V Lipo.

MAXIMUM VOLTAGE : 8,44 V Before Race.

6.2 - Batteries must be available in the market and have a recognizable brand name.

6.3 - Battery aids for servo can be installed but may not assist the driving system in any way at any time of the race.

6.4 - LiPo main batteries MUST be charged in a closed 'LiPo Safety Bag' at all times.

6.5 - Motors - 17.5T (**0.035Ω**) must be available in the market

6.6 ESC – only ESC that is not equipped with boost/turbo is allowed **Should be on the market Maximum 100Amp**

7. TIRES : **26071** 24mm Cut Slick Tire) no Modification

ALL DRIVER MUST USE OFFICIAL MARKED and CONTROLLED TIRES - LIKE TITC Rules - FOR QUALIFY AND MAIN FINALS.

- Drivers can use any Ride Tires for open practice.

- The use of unmarked tires during qualifies and main finals will result in direct disqualification.

Technical Regulation TC “Open B/L” Class:

Entry Fee: 600 Baht

IFMAR ISTC 1/10 EP Touring Car will be used for this event.

1. Bodyshell Appearance:

1.1 - Cars must be 1/10th scale Touring Car 4 doors, which are available on the market.

1.2 - No part of the chassis, including wheels/tires/motor/battery or electronic equipment may protrude outside the body shell limits when viewed from above.

1.3 - The standard body wings and spoilers can be used. Optional wings are allowed as long as they meet the requirements.

1.4 - On the body of the car no extra holes allowed, except the following: antenna pipe, body mount and transponder, which are not over 10mm in diameter.

1.5 - Dimensions: Maximum width without body 190mm.

Maximum width with body 200mm.

Maximum wheelbase 273mm.

Rear Wing should be lower than Roof Top

Rear Outline should be cut by manual.

Wings not over 10mm than Rear body.

No Minimum ride height.

2. Chassis and Drive Train

- Only four (4) wheel drive transmission type is allowed for this event.

3. Weight

- The weight of the car, ready to race including timing equipment (transponder) at any time of the race shall be: Minimum weight **1,320g**

4. Wing

- See IFMAR ISTC 1/10th Touring Car Regulation for Wing and side Dams dimensions.

5. Batteries Approval

5.1 - Battery Max. 6 cells 7.2v Sub-C NiCad, NiMH or Lipo 2 cells 7.4-7.6v Hard Case.

- MAXIMUM VOLTAGE : 8,44 V Before Race.

5.2 - Batteries must be readily available in the market and have a recognizable brand name.

5.3 - Battery aids for servo can be installed, but may not assist the drive system in any way.

5.4 - LiPo drive batteries MUST be charged in a closed ‘LiPo Safety Bag’ at all times.

6. Motors

- Must be selected from sponsor products. Only 13.5T must be over(0.019Ω)

7. Tires : Sweep Racing EXX-40XR3PG TITC LOGO

(no modification allowed on wheels and/or tires)

FWD Class:

1. Entry Fee 600 Baht
2. Tire Ride Tire Item No. 26071 24mm Cut Slick Tire no Modification
3. Motor 17.5T (0.035 Ω) must be available in the market
4. ESC – only ESC that is not equipped with boost/turbo is allowed **Should be on the market Maximum 100Amp**
5. (capacitor and wires must remain original)
6. Body must be available in the market for FWD only

Wing: Only original wing are allowed.

6. Gear ratio (Minimum 4.0 Final gear ratio is allowed, Cannot be lower than 4.0)
7. Weight Minimum Weight 1,250g

CAR REGULATIONS of *Super GT(TT02) Class*

Entry Fee: 600 Baht

Only Tamiya TT-02, TT02R, TT02RR chassis is permitted in this class.

TT02S is NOT ALLOWED in this class.

1. Motor should be Tamiya#54612 15.5T Brushless Motor.No modification (0.037 Ω) .
2. ESC: Only Hobby Wing JuStock 60A (modification such as capacitor or wires is NOT allowed. .(maximum limit to 20000RPM)
3. Minimum permissible weight of car when ready to run is 1,350g with a transponder.
4. Cars do not have to be equipped with cockpit detail or a driver figure.
5. Clearance under lowest point of main chassis parts (including battery tape if used) Must exceed 5mm AFTER the race.
6. Gear No modification. Gear ratio Spur Gear 64T ,PinionGear 29T =Gear ratio 5.74:1
7. Hop-Up Option only Tamiya for TT02 (TT02S not allowed)
8. Tire Ride tire item 24026 (wheels Tamiya 26mm only) no Modification

Body List Tamiya only

ITEM 51584 Motul Autech GT-R

ITEM 51586 Honda NSX

ITEM 51678 AU TOM'S GR SUPRA

ITEM 51575 BRZ R&D SPORT'14 FUJI

ITEM 51453 SUMO POWER GT-R

ITEM 51693 MCLAREN SENNA

ITEM 51590 Mercedes-AMG GT3

ITEM 51664 2020 FORD GT Mk II

ITEM 51622 TOYOTA GR SUPRA

ITEM 51614 FORD MUSTANG GT4

TAMIYA Hop up option wings are allowed.

Body and Wing: Only original wing and Body are allowed

Batteries Approval Any BATTERIES from any brand available on the market is ALLOWED

MAXIMUM VOLTAGE : 8,44 V Before Race.

CAR REGULATIONS of BUGGY Classic Class

ฟรีค่าสมัคร

Motors Tamiya 54358 RS-540 Torque-Tune หรือ มอเตอร์ขาว ที่มากับกล่อง

ESC Tamiya หรือ Hobby wing QUICKRUN WP-1060 Brushed

Tire +wheel ที่มากับกล่องของรุ่นนั้น

รุ่นรถที่ใช้ และเฟืองมอเตอร์ ตามรูปที่กำหนดอยู่ด้านล่างนี้เท่านั้น

クラシックバギー…全車種、復刻モデルが対象。オイルダンパーやサーボセイバー等のタミヤ製OPパーツの装着が可能。全車種デュアルブロックタイヤ等の使用も認められます。2WDバギーは、ダンパー追加や自作パーツも使用可能。



น้ำหนักรถไม่จำกัด

*****คำตัดสินของกรรมการถือเป็นที่สุด*****