

# HOBBYWING CUP THAILAND 2025

(13 – 14 December 2025 at RC Addict Circuit)

(All regulations subject to change without prior notice)

13<sup>th</sup> December - Free Practice and Control Practice

14<sup>th</sup> December - Qualifying and Finals

Maximum entry: 2 classes per driver

(The first 100 entries will receive a customizable T-shirt from Hobbywing)

No motors, ESCs, or tires will be provided in any class, except the Open B/L class where motors are supplied.

1) Touring Car Stock "Open B/L" 13.5 Class Entry Fee: 2,000 Baht Including motor XERUN BANDIT-13.5T-BLACK-G4-OBL ITEM 30401859)

2) Touring Car "Non-Boost" Class (17.5T) Entry Fee: 1,000 Baht

3) SUPER GT500 TT02 Class (17.5T) Entry Fee: 1,000 Baht

4) Rally Class (17.5T) Entry Fee: 1,000 Baht

5) Junior Class (Tamiya motor 15.5T) Entry Fee: 500 Baht

## HOBBYWING CUP GENERAL REGULATIONS:

### PERSONAL TRANSPONDER:

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

### TECHNICAL INSPECTION:

All Classes MUST use Hobbywing Motor and ESC (Except Jr. Class)

**(Motor must be at ambient temperature before KV and Ohm check)**

- The driver's car and battery must pass through technical inspection before each sanctioned race.
- Car Weight will be checked AFTER each race (from Control Practices to Qualifications and All Main Races)

### GENERAL TIRE RULES:

ALL DRIVER MUST USE HOBBYWING CUP OFFICIAL TIRES FOR THE WHOLE DURATION OF THE EVENT. FROM FREE/CONTROL PRACTICE, QUALIFY AND MAIN FINALS.

- Modification or alteration of the wheel inserts and/or tires are not permitted.
- Failing an inspection will lead to immediate disqualification.
- Tire assembly and glueing is under driver's responsibility. (wheel Balancing is allowed)
- Sidewall glueing is left to driver's preference on high grip conditions
- The use of unmarked tires during QUALIFY and MAIN FINALS will result in direct disqualification.

# Technical Regulations for “Non-Boost” Class

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

## 1. “No Boost” Class Bodyshell Appearance:(only Tamiya Body)

- Body List allowed

1. 51453 SUMO POWER GT-R
2. 51563 RAYBRIG NSX CONCEPT-GT
3. 51584 MOTUL AUTECH GT-R
4. 51590 Mercedes-AMG GT3
5. 51678 AU TOMS GR SUPRA
6. 51731 Motul Autech Nissan Z Super GT

\*\*\*Tamiya Hop-Up Options wings are allowed. However, Modification of the Body and Wing is prohibited. (Body mount holes can be made in positions other than those shown in the instruction manual.)

HANDMADE WINGS ARE NOT ALLOWED.

- 1.1 - Tires, motor and battery cannot exceed the bodyshell limit when viewed from above.
- 1.2 - The mirrors and windows must be left clear or smoke color.
- 1.3 - The bodyshell must be painted.
- 1.4 - The Front and Rear lights of the car must be represented (by paint or supplied stickers).
- 1.5 - The standard body wings and spoilers can be used.

There is no minimum ride height.

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

## 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 more than 1320g.

## 4. BATTERIES APPROVAL

4.1 - 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.

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

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

4.4 - LiPo main batteries MUST be always charged in a closed ‘LiPo Safety Bag’.

5. - Motor HOBBYWING (17.5T 4 Pole is not allowed) - Internal resistance shall not be lower than 0.032 Ohm (Checked by Hioki RM3548) No Modification allowed.

5.1 ESC – HOBBYWING Justock 60 Amp Must keep its original capacitor and wires.

6. TIRES: Ride New Slick Tire. Item 26404 no Modification allowed.

7.The Maximum diameter shall be 66.50mm or lower at any time of the race (during FP, CP, Qualify and Main Final). Random check on marked tires may also occur without prior notice

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# Technical Regulation TC “Open B/L” Class:

TITC Open Brushless 1/10 EP Touring Car will be used for this event.

## 1. Bodysell 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 Rooftop

Rear Cutline should be cut by manual.

Wings not over 10mm than Rear body.

There is 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 more than 1,300g

## 4. Wing

- See IFMAR ISTC 1/10th Touring Car Regulation for Wing and winglet 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 always charged in a closed ‘LiPo Safety Bag.’

## 6.ESC- only Hobbywing

7. Motors: only Hobbywing 13.5 t XERRUN BANDIT-13.5T-BLACK-G4-OBL ITEM 30401859) Controlled by Over 0.018Ω (Check by Hioki RM3548)

8. Tires and wheel: Sweep Racing Tire. Non-glued (TITC 2025 LOGO with hobbywing Sticker)

(no modification allowed on wheels and/or tires)

# Super GT500 (TT02) Class

Only Tamiya TT-02, TT02R, TT02RR chassis is permitted in this class. **Main chassis Lower Deck modification is allowed.**

**Note: TT02S is NOT ALLOWED in this class.**

1. Motor HOBBYWING (17.5T 4 Pole is not allowed) - Internal resistance shall not be lower than 0.032 Ohm (Checked by Hioki RM3548) No Modification is allowed.
2. ESC – HOBBYWING Justock 60 Amp Must keep its original capacitor and wires.
3. Minimum permissible weight of car when ready to run is 1,400g with a transponder.
4. Cars do not have to be equipped with cockpit detail or a driver figure.
5. Gear ratio Spur Gear 64T, Pinion Gear 29T =Gear ratio 5.74:1.

Note: No modification is allowed.

Spare parts and Hop-Up Options must be Tamiya for TT02 (TT02S not allowed). No modification of parts is permitted.

8. TIRES: Ride New Slick Tire. Item 26404 no Modification is allowed.
9. The Maximum diameter shall be 66.50mm or lower at any time of the race (during FP, CP, Qualify and Main Final). Random check on marked tires may also occur without prior notice
10. - 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.  
- Body List allowed

1. 51453 SUMO POWER GT-R
2. 51563 RAYBRIG NSX CONCEPT-GT
3. 51584 MOTUL AUTECH GT-R
4. 51590 Mercedes-AMG GT3
5. 51678 AU TOMS GR SUPRA
6. 51731 Motul Autech Nissan Z Super GT

\*\*\*Tamiya Hop-Up Options wings are allowed. No Modification Body and Wing is allowed. (Body mount holes can be made in positions other than those shown in the instruction manual)

Note: HANDMADE WINGS ARE NOT ALLOWED.

# Tamiya Rally On-Road Class

Only Tamiya XV-01, XV02 chassis is permitted in this class.

Tamiya Rally On-Road Class Technical Regulations:

1. - Only Tamiya WRC 190 mm body are allowed. See list below.

1.1 - Handmade Modification of Body and Hop-Up Option Wings are NOT permitted.

1.2 - 4 LED Lights must be installed (recommended lighting set ABC HOBBY ITEM 62702,62703,62705)

1.3 - Max. width without body 190mm, with Body. Max. wheelbase 273mm.

Minimum permissible weight of car when ready to run is 1,550g with a transponder.

- Body List allowed

1. 50927 Mitsubishi Lancer Evolution VII WRC

2. 51289 SUBARU IMPREZA WRC '07

3. 51364 SUBARU IMPREZA WRC 2008

4. 51401 LANCIA DELTA INTEGRALE

5. 51407 DATSUN 240Z RALLY

6. 51608 TOYOTA GAZOO YARIS WRC

7. 51615 AUDI QUATTRO A2

8. 51707 Toyota Gazoo Racing WRT/GR Yaris Rally1 Hybrid

9. 51708 TOYOTA CELICA GT-FOUR (ST165)

10. Body from item 58631 Subaru Impreza Monte-Carlo '99 (TT02)

11. Body from item 58654 Lancia 037

12. Body from item 58528 SUBARU IMPREZA WRX STI TEAM Arai

\*\*\*Tamiya Hop-Up Options wings are allowed. Body and Wing modification is not allowed.

2. BATTERY:

2.1 - Battery Max. 6 cells 7.2v Sub-C NiCad, NiMH or Max. 2 LiPo cells 7.4-7.6v in hardcase.

2.2 - Batteries must be available on the market and have a recognizable ID and brand name stickers.

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

2.4 - LiPo main battery MUST always be charged in a fire-proof and sealable 'LiPo Safety Bag'.

Driver shall never leave a charging battery unattended.

3. MOTOR HOBBYWING (17.5T 4 Pole is not allowed) - Internal resistance shall not be lower than 0.032 Ohm (Checked by Hioki RM3548) No Modification is allowed.

4. ESC – HOBBYWING Justock 60 Amp Must keep its original capacitor and wires.

5. TIRES: Tamiya Rally Block Tire (item 50476) is allowed for the whole event. RIDE Inner Tires Sponge ITEM RT-00001 (The height of the spike pin located at the center of the rubber tire must be at least 1 mm above the surface)

6. The Maximum diameter shall be 71.00mm or lower at any time of the race (during FP, CP, Qualify and

Main Final). Random check on marked tires may also occur without prior notice

Chassis Spur Gear Pinion Gear ratio

XV01, XV02 70 T 28T = 6.50:1

# Junior Touring Class

## Age under 15 years old. (Child born year 2010)

Only Tamiya TT-02, TT02R, TT02RR chassis is permitted in this class. Main chassis Lower Deck modification is allowed TT02S is NOT ALLOWED in this class.

1. Motor Tamiya 15.5T MAXIMUM 2,600+-0.5% KV > 2.1 Amp> (0.035  $\Omega$ ) No Modification allowed
2. ESC – HOBBYWING Justock 60 Amp Must keep its original capacitor and wires.
3. Minimum permissible weight of car when ready to run is 1,400g with a transponder.
4. Cars do not have to be equipped with cockpit detail or a driver figure.
5. Gear No modification. Gear ratio Spur Gear 64T, Pinion Gear 29T =Gear ratio 5.74:1

Spare parts and Hop-Up Options must be Tamiya for TT02 (TT02S not allowed). No modification of parts is permitted.

8. TIRES: Ride New Slick Tire. Item 26404 no Modification (Tire and wheel maximum not over 66.50 mm After the race.)

9. - 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.

- Body List allowed

1. 51453 SUMO POWER GT-R
2. 51563 RAYBRIG NSX CONCEPT-GT
3. 51584 MOTUL AUTECH GT-R
4. 51590 Mercedes-AMG GT3
5. 51678 AU TOMS GR SUPRA
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\*\*\*Tamiya Hop-Up Options wings are allowed No Modification Body and Wing (Body mount holes can be made in positions other than those shown in the instruction manual.)

HANDMADE WINGS ARE NOT ALLOWED.

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