

# HOBBYWING CUP 2024 IN THAILAND

30 November – 1 December 2024

at RC Addict Circuit <https://maps.app.goo.gl/i3SjdCgoamH5P9et5>

30 November Free Practice and Control Practice

1 December Qualify and Final

All Class Maximum Entry Fee 2 Class

(May change without a notice.)

All Class Entry Fee: 1,000 Baht (First 100 Entry get the T-shirts and Cap From Hobbywing)

All Class not hand out Motor, ESC and Tire

- 1) Touring Car Stock “Open B/L” 13.5 Class
- 2) Touring Car “Non Boost” Class ( 17.5T hanout spec 4 Pole)
- 3) SUPERSTOCK TT02 Class (21.5T hanout spec 4 Pole)
- 4) Senior 50+ Class (21.5T hanout spec 4 Pole)

HOBBYWING CUP GENERAL REGULATIONS:

PERSONAL TRANSPONDER:

All Class should be use Hobbywing Motor and ESC

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.

(Weight Checking After. the race)

TIRE RULES FOR ALL CLASSES:

No MODIFICATION ALLODWD on wheels inserts and tire.

Failing inspection will lead to immediate disqualification.

Glueing is under Driver responsibility.

Sidewall Glueing is left to Driver preference

# 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. 51575 BRZ R&D SPORT'14 FUJI

4. 51584 MOTUL AUTECH GT-R

5. 51586 HONDA NSX

6. 51590 Mercedes-AMG GT3

7. 51614 FORD MUSTANG GT4

8. 51678 AU TOMS GR SUPRA

9. 51689 OPEL CALIBRA V6 CLIFF

10. 51705 PORSCHE 911 GT3 992

11. 51731 Motul Autech Nissan Z Super GT

12 .51664 2020 FORD GT Mk II (Must be used with Tamiya Hop-Up Options Aluminum Adjustable Wing Stay item 54510)

13. 51693 MCLAREN SENNA (Must be used with Tamiya Hop-Up Options Aluminum Adjustable Wing Stay item 54510)

\*\*\*Tamiya Hop-Up Options wings are allowed No Modification Body and Wing (Original drill a hole where Mark's made it body)

HANDMADE WINGS ARE NOT ALLOWED.

1.1 - Tires, motor and battery cannot exceed the bodyshell limits 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.

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: 1320g MINIMUM.

#### 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 charged in a closed 'LiPo Safety Bag' at all times.

5. - Motor HOBBYWING (17.5 t hanout spec 4 Pole> Item 30408017) MAXIMUM 2,800 KV > 1.8 Amp> (0.025  $\Omega$ ) 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

6.1 Gear ratio (Minimum 3.5 Final gear ratio is allowed, Cannot be lower than 3.5)

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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 Roof Top

Rear Cutline 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.ESC- only Hobbywing

7. Motors : only Hobbywing 13.5 t Controlled by Over 0.018Ω (Check by Hioki RM3548)

8. Tires and wheel :Sweep Racing Tire.No glued (TITC 2024 LOGO ONLY)

(no modification allowed on wheels and/or tires)

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# SUPER STOCK (TT02) Class

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

TT02S is NOT ALLOWED in this class.

1. Motor HOBBYWING (21.5 t hanout spec 4 Pole > Item 30408016 ) MAXIMUM 2,300 KV > 1.5 Amp> (0.040 Ω)  
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

6.spare part and Hop-Up Option only Tamiya for TT02 (TT02S not allowed) no modification for part

8. Tire ITEM 51023 TAMIYA MEDIUM-NARROW RACING RADIAL TIRES

9. wheel only Tamiya 24 MM (Maximum tire and wheel diameter not exceeding 68 mm after the race.)

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. 51575 BRZ R&D SPORT'14 FUJI

4. 51584 MOTUL AUTECH GT-R

5. 51586 HONDA NSX

6. 51590 Mercedes-AMG GT3

7. 51614 FORD MUSTANG GT4

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9. 51689 OPEL CALIBRA V6 CLIFF

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12. 51664 2020 FORD GT Mk II (Must be used with Tamiya Hop-Up Options Aluminum Adjustable Wing Stay item 54510)

13. 51693 MCLAREN SENNA (Must be used with Tamiya Hop-Up Options Aluminum Adjustable Wing Stay item 54510)

\*\*\*Tamiya Hop-Up Options wings are allowed No Modification Body and Wing (Original drill a hole where Mark's made it body)

HANDMADE WINGS ARE NOT ALLOWED.

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# Technical Regulations for Senior 50+ 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. 51575 BRZ R&D SPORT'14 FUJI

4. 51584 MOTUL AUTECH GT-R

5. 51586 HONDA NSX

6. 51590 Mercedes-AMG GT3

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13. 51693 MCLAREN SENNA (Must be used with Tamiya Hop-Up Options Aluminum Adjustable Wing Stay item 54510)

\*\*\*Tamiya Hop-Up Options wings are allowed No Modification Body and Wing (Original drill a hole where Mark's made it body)

HANDMADE WINGS ARE NOT ALLOWED.

1.1 - Tires, motor and battery cannot exceed the bodyshell limits 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.

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: 1320g MINIMUM.

### 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 charged in a closed 'LiPo Safety Bag' at all times.

5. - Motor HOBBYWING (21.5 t hanout spec 4 Pole > Item 30408016 ) MAXIMUM 2,300 KV > 1.5 Amp > (0.040  $\Omega$ )  
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

6.1 Gear ratio (Minimum 3.5Final gear ratio is allowed, Cannot be lower than 3.5)