TITC 2027 Technical Regulations

(All regulations subject to change without prior notice)

TITC 2027 CLASSES:
1) Touring Car Modified Class
2) Touring Car Stock “Open B/L” 13.5T Class
3) Touring Car Stock “Open B/L “21.5T Class
4) FWD Class
5) PORSCHE Thailand CUP TT02 Class

TITC 2027 GENERAL REGULATIONS:

PERSONAL TRANSPONDER:
Race Organizers will run an AMB Counting System compatible with both AMB square type Transponders and Personal Transponders.

TECHNICAL INSPECTION:

- Driver’s Car and Battery shall pass thru 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 TITC 2027 OFFICIAL TIRES FOR THE WHOLE DURATION OF THE EVENT. FROM FREE/CONTROL PRACTICE, QUALIFY AND MAIN FINALS.

Modification or alteration of the wheels inserts and/or tires are not permitted. (wheel Balancing is allowed)

- Failing inspection will lead to immediate disqualification.
- Tire assembly and glueing is under driver’s responsibility.
- Sidewall glueing is left to driver’s preference on high grip conditions

ALL DRIVERS MUST USE THEIR IDed MARKED TIRES DURING QUALIFY AND MAIN FINALS.

- The use of unmarked tires during QUALIFY and MAIN FINALS will result in direct disqualification.

DRIVER-STAND ACCESS AND ENTRE FREE:
Open / Free Practice:
Drivers shall pay their daily track fee from the Huge RC Shop to receive their stickers/transponders to access the Driver-Stand.

Entry Fee and ID Badge:
We highly recommend all drivers to take care of their entry fee upon arrival to the track to avoid long queuing and time wasting.
Once officially registered, all drivers must display their ID BADGE TO ACCESS THE DRIVER STAND.

RACING FAIRNESS AND RACING PENALTY RULES:
TITC Race Officials and Referees will enforce WARNING & PENALTY rules proportionally to **Racing Behavior Infringement** to establish fairness of racing for every driver (IFMAR ISTC based regulations will be applied) at all time of the event duration: from Open/Free Practice until the very last Main Race.

1- FIRST and LAST WARNING.
2- STOP & GO Penalty (from 5 up to 10s based on the severity of the infringement)
3- Instant Black Flag / Immediate disqualification.
4- Ban from the remaining of the event.

Enforcing Racing Fairness is every Driver Responsibility. Aggressive driving style, pressure and intimidation on the Racetrack are allowed as long as there’s no direct contact. Any resulting contact or crash detected/witnessed by the Race Officials will be sanctioned.

We wish all drivers from around the World to enjoy their time and RC race experience during this 2027 Edition of the TITC. Welcome to Bangkok, best of luck to everyone!

Open B/L 21.5T Class Technical Regulations:

TITC 1/10 EP Rules will be used as basis for this event.
The additional regulations are as following:

1.BODYSHELL APPEARANCE. Only Tamiya Bodyshell are allowed among the following list:(Lightweight body are permitted) Front and Rear Cutline should be cut by manual.

51453 SUMO POWER GT-R	51563 RAYBRIG NSX CONCEPT-GT
51590 MERCEDES-AMG GT3	51584 MOTUL AUTECH GT-R
51678 AU TOMS' GR SUPRA	51731 MOTUL AUTECH Z
51575 BRZ R&D SPORT'14 FUJI	Lightweight body a BRZ R&D SPORT'14 FUJI

***Tamiya Hop-Up Options wings are allowed. Modification of Body and Wing are not permitted (Body mount holes can be made in positions other than those shown in the instruction manual.)

ADDITIONAL BODY AND WING REGULATIONS:
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 painted with translucent smoke-like 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.
1.6 - Only one wing is allowed, fitted in the same place as the wing from the original car model.
1.7 - HANDMADE WINGS ARE NOT ALLOWED.

2. CHASSIS, DRIVE TRAIN & GEAR RATIO:
2.1 - Only four (4) wheel drive transmission type is allowed for this event.
2.2 - No minimum Ride Height required.
2.3 - Gear Ratio. （Announce later)

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

4. BATTERY:
4.1 - Maximum 6 cells 7.2V Sub-C NiCd/NiMH or Max. 2 LiPo cells 7.4V-7.6V in hardcase.
MAXIMUM VOLTAGE: **8.44 V** checked BEFORE race.
4.2 - Batteries must be available on the market and have a recognizable ID and brand name stickers.
4.3 - Battery aids for servo can be installed but may not assist the driving system in any way.
4.4 - LiPo main battery MUST always be charged in a fire-proof and sealable 'LiPo Safety Bag'.
Driver shall never leave a charging battery unattended.

5. MOTOR
5.1 - Motor winding of **21.5T (21.5T 4 Pole is not allowed)** KV and RPM no limitation
Motor & ESC chosen among TITC2027 Sponsored Brands only. Modification not permitted.
5.2 - Motor Internal resistance shall not be lower than 0.048 Ohm (Checked by Hioki RM3548)
5.3 – ESC no limitation AMP chosen among TITC2027 Sponsored Brands only. Modification not permitted.
6. TIRES:
6.1 - Drivers must always use the Ride item 26408: 24mm TR09 Belted Tires 34501 with 10 Spoke Wheel Black
6.2 - Maximum 3 tire sets within the whole sanctioned event.
6.3 - Modification not permitted.
A-Main Drivers will get 1 more Tire set from Organizer (Free)

“Open B/L” Class Technical Regulations:

IFMAR SITC 1/10 EP Rules will be used as basis for this event.
The additional regulations are as following:

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 dimensional requirements.
1.4 - No extra holes permitted on the bodyshell, except antenna pipe, body posts, wing mounts and transponder, which shall not exceed 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:
2.1 - Only four (4) wheel drive transmission type is allowed for this event.
2.2 - No minimum ride height.

3. WEIGHT:
The weight of the car, ready to race including timing equipment (transponder) at any time of the race shall be: 1,300g MINIMUM checked AFTER the race.

4. WING:
4.1 - See IFMAR ISTC 1/10th Touring Car Regulation for Wing and side Dams overall dimensions.
4.2 - Rear Wing level should be strictly lower than Roof Top level.
4.3 - Rear overhang of the rear Wing shall not exceed 10mm.

5. BATTERY:
5.1 - Battery Max. 6 cells 7.2v Sub-C NiCad, NiMH or Max. 2 LiPo cells 7.4-7.6v in hardcase.
MAXIMUM VOLTAGE: **8.44 V** checked BEFORE each race (Qualification and Main Finals).
5.2 - Batteries must be available on the market and have a recognizable ID and brand name stickers.
5.3 - Battery aids for servo can be installed but may not assist the main drive system in any way.
5.4 - LiPo main battery MUST always be charged in a fire-proof and sealable ‘LiPo Safety Bag’.
Driver shall never leave a charging battery unattended.

6. MOTORS & ESC:
6.1 - Motor winding of **13.5T**
Chosen among TITC 2027 Sponsored Brands only. Modification not permitted.
6.2 - Internal resistance shall not be lower than 0.018 Ohm (Checked by Hioki RM3548)
6.3 - ESC Open. Must be available on the market.

7. TIRES:
7.1 - Driver must always use Sweep Racing Tires with TITC Logo2027 (tires come unglued).
7.2 - Maximum 4 tire sets within the whole sanctioned event.
7.3 - Modification not permitted.
A-Main Drivers will get 1 more Tire set from organizer (Free).

Modified Class Technical Regulations

IFMAR SITC 1/10 EP Touring Car Chassis will be used as basis for this event.

The additional regulations are as following:

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 dimensional requirements.
1.4 - No extra holes permitted on the bodyshell, except antenna pipe, body posts, wing mounts and transponder, which shall not exceed 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:

2.1 - Only four (4) wheel drive transmission type is allowed for this event.
2.2 - No minimum ride height.

3. WEIGHT:

The weight of the car, ready to race including timing equipment (transponder) at any time of the race shall be: 1,300g MINIMUM checked AFTER the race.

4. WING:

4.1 - See IFMAR ISTC 1/10th Touring Car Regulation for Wing and side Dams overall dimensions.
4.2 - Rear Wing level should be strictly lower than Roof Top level.
4.3 - Rear overhang of the rear Wing shall not exceed 10mm.

5. BATTERY:

5.1 - Battery Max. 6 cells 7.2v Sub-C NiCad, NiMH or Max. 2 LiPo cells 7.4-7.6v in hardcase.
5.2 - Batteries must be available on the market and have a recognizable ID and brand name stickers.
5.3 - LiPo main battery MUST always be charged in a fire-proof and sealable ‘LiPo Safety Bag’. Driver shall never leave a charging battery unattended.

6. MOTORS & ESC:

6.1 - Any Modified Class Motor winding is allowed. Must be available on the market.
6.2 - Any ESC available on the market is allowed.

7. TIRES:

7.1 - Driver must always use Sweep Racing Tires with TITC Logo2026 (tires come unglued).
7.2 - Modification not permitted.
A-Main Drivers will get 1 more Tire set from organizer (Free).

Porsche Cup Tamiya TT02 Class Technical Regulations:

Trophy from AAS Motorsport (AAS Auto Service Co., Ltd.)



1.BODYSHELL APPEARANCE: (Cars do not have to be equipped with cockpit detail or a driver figure)

Tamiya bodyshell with original factory hole/drill for body post and wing position must be respected.
Only **3** Tamiya Bodyshells with original wing are allowed as following: All the Bodyshell and wing Ready to run not be lower than 125g (Sanding to the body not allowed) allowed (original wheel base 251 mm)
Bodyshells Cutline should be cut by manual

51543 PORSCHE 911 CARRERA RSR or 51705 PORSCHE 911 GT3 992
51752 Porsche 911 GT3 R (992)

2. CHASSIS AND DRIVE TRAIN:

2.1 Only Tamiya TT02, TT02S, TT02SRX Chassis are permitted in this class. Main chassis Lower Deck modification is allowed
2.2 No Gear modification. Gear ratio: Spur Gear 64T, Pinion Gear 29T = **5.74**:1 Final gearing.
2.3 Hop-Up Option: only Tamiya for TT02, TT02S, TT02SRX are allowed
2.4 parts and Hop-Up Option parts Any handmade Modification is not permitted.
2.5 Tamiya branded Shock DAMPERS and UNIVERSAL Drive Shaft are allowed.

3.WEIGHT:

The weight of the car, ready to race including timing equipment (transponder) at any time of the race shall be: 1,400g MINIMUM checked AFTER the race.

4.BATTERY:

4.1 - Battery Max. 6 cells 7.2v Sub-C NiCad, NiMH or Max. 2 LiPo cells 7.4-7.6v in hardcase.
MAXIMUM VOLTAGE: **8.44 V** checked BEFORE each race (Qualification and Main Finals).
4.2 - Batteries must be available on the market and have a recognizable ID and brand name stickers.
5.3 - Battery aids for servo can be installed but may not assist the main drive system in any way.
5.4 - LiPo main battery MUST always be charged in a fire-proof and sealable 'LiPo Safety Bag'.
Driver shall never leave a charging battery unattended.

5. MOTORS & ESC:

5.1 Motor must be Tamiya#54612 15.5T Brushless Motor.
5.2 Internal resistance shall not be lower than 0.035 Ohm
5.3 HOBBYWING Justock 60 Amp (RPM Limit >25000 RPM) ESC Only. Must keep its original capacitor and wires.

6. TIRES:

6.1 - Drivers must always use the Ride item 26408: 24mm TR09 Belted Tires 34501 with 10 Spoke Wheel Black Modification is not permitted.
6.2- Maximum 3 tire sets within the whole sanctioned event.

(recommended TT02S, TT02SRX wheel base 251mm)



Item 19803445



Item 19804838



FWD Class

IFMAR SITC 1/10 EP Rules will be used as basis for this event.
The additional regulations are as following:

1.BODYSHELL APPEARANCE. Any commercially available 1:10 scale FWD bodyshell Only chosen among TITC2027 Sponsored Brands no Modification of Body and Wing are not permitted (Body mount holes can be made in positions other than those shown in the instruction manual.)

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 painted with translucent smoke-like 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.
1.6 - Only one wing is allowed, fitted in the same place as the wing from the original car model.
1.7 - HANDMADE WINGS ARE NOT ALLOWED.

2. CHASSIS, DRIVE TRAIN & GEAR RATIO: HANDMADE CHASSIS IS NOT ALLOWED
2.1 - Only front (2) wheel drive transmission type is allowed for this event.
2.2 - No minimum Ride Height required.
2.3 - Gear Ratio.（Announce later)

3. WEIGHT:
The weight of the car, ready to race including timing equipment (transponder), at any time of the race shall be: 1250g MINIMUM checked AFTER the race.
4. BATTERY:
4.1 - Maximum 6 cells 7.2V Sub-C NiCd/NiMH or Max. 2 LiPo cells 7.4V-7.6V in hardcase.
MAXIMUM VOLTAGE: 8.44 V checked BEFORE race.
4.2 - Batteries must be available on the market and have a recognizable ID and brand name stickers.
4.3 - Battery aids for servo can be installed but may not assist the driving system in any way.
4.4 - LiPo main battery MUST always be charged in a fire-proof and sealable ‘LiPo Safety Bag’.
Driver shall never leave a charging battery unattended.

5. MOTOR & ESC:
5.1 - Motor of 21.5T (21.5T 4 Pole is not allowed)
Motor & ESC chosen among TITC2027 Sponsored Brands only. Modification not permitted.
5.2 - Motor Internal resistance shall not be lower than 0.048 Ohm (Checked by Hioki RM3548)
5.3 - ESC no limitation AMP chosen among TITC2027 Sponsored Brands only. Modification not permitted.
6. TIRES:
6.1 - Drivers must always use the Ride item 26408: 24mm TR09 Belted Tires 34501 with 10 Spoke Wheel Black
Maximum 3 tire sets within the whole sanctioned event.
6.2 - Modification not permitted.

A-Main Drivers will get 1 more Tire set from organizer (Free).