

## BATTERY APPROVAL 2018

Dear Madame/Sir

The 2018 IFMAR World Championships for the Electric ON-ROAD classes (1/12<sup>th</sup> & 1/10 scale) will be held in South Africa next August. Your company is invited to submit batteries for approval previous to this IFMAR World Championship.

Lithium based (LiPo/LiFe) batteries can be submitted for IFMAR approval by the original manufacturer or their agents.

IFMAR approves the construction only, which is the cell type and markings and makes no representation nor endorsement as to the quality or efficiency of the products approved.

Supplies must be in accordance with the “**IFMAR ELECTRIC RACING BATTERIES and MOTORS**” rules and labelling requirements as published on the IFMAR website. (*Version: 25 November 2017*)

**It is strongly recommended to study these specifications thoroughly before submitting any batteries.**

Approval is to ensure that all competitors have equal access to the latest batteries and technologies so to allow fair racing to decide the World Champion. Consequently they have to be distributed on world level and not only locally, in one region only.

Approved batteries stay on the approval list for their natural life span as long as specifications are not changed and that they are 100% compliant with the initially submitted batteries.

If any part of an approved battery is changed, the battery must be re-sent to IFMAR to be reapproved with a new unique identification number.

If you wish to obtain such approval for official use at the 2018 Electric W.C. and future IFMAR W.C. events, then you must apply for approval **between January 20<sup>th</sup> and February 15<sup>th</sup>, 2018**

Be aware that the samples of the products, related documentation and the completed homologation form must be in our hands by above final date.

No exceptions will be made and any product; Samples, documents or forms received after the closing date, and this for any reason at all, will lead to non-approval for the 2018 World Championships and by then cannot be used by any competitor at an IFMAR World event.

Your applications for approval must be submitted to IFMAR together with:

- The enclosed appropriate approval form
- Four (4) samples of the product that will be used as a future comparing reference for the approved product, packed individually in such a way that they can be transported safely in carry-on baggage on passenger aircraft.
- A written technical specification including exact dimensions (mm) and weights (gr.) with associated tolerances from the original cell or battery manufacturer for comparative verification. (*Never exceeding the published IFMAR dimensions*).
- The submission must also include:
  - Maximum charging parameters (Amps, Voltage, C rating).
  - Case material, case thickness and case sealing process.
  - Genuine Safety test certification in accordance with UN Manual of Test and Criteria ST/SG/AC.10/11/Rev.5, Part 3, Sub-Section 38.3, Tests T1 to T8. or later version. Copy must be supplied with approval documentation.
  - A list of telephone numbers, email-addresses and postal addresses of retail suppliers, shops in each continent from whom the cells can be purchased.
  - Proof of pre-payment of 50 USD per type submitted

*This document refers to approval for Batteries only.*

*(motor approval will be later in 2018)*

One sample at random may be tested and 3 samples will be kept by the Section Chairman at the disposal of the appropriate IFMAR Electric Section representatives until one month after the first event they were approved for.

A product meeting all technical specifications will be added to the approved product list, provided it passes eventual availability checks by the block representatives:

Random availability checks may be done until seventy (70) days before the start of the first concerned event. To this effect a provisional list of submitted products together with the provided addresses will be sent to the four blocs five (5) months before the event.

The update of approved products will be published as an add-on to the previously published list two (2) months before the first concerned event.

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Send samples and documents for approval to:

**IFMAR Electric Chairman**  
**Frank Mostrey**  
**Tenierslaan 28**  
**B 1910 Kampenhout**  
**Belgium**

**Email:** [electric.chairman@ifmar.org](mailto:electric.chairman@ifmar.org)

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Please ensure that, when sending samples you state on the Customs Declaration Form:

“Samples Only – No Commercial Value”. (For countries requiring a customs value: do not exceed 19,00 USD per shipment as these may be blocked by Belgian customs).

Again: Do make sure that the package you send is free of costs for the receiver.

Delayed or blocked products by any authorities, door to door providers or customs (beyond the submission date) will not be allowed to the approval process nor considered a reason to extend the deadline or be subject to any claims. The submitter unconditional agrees to reimburse any at all penalties or import charges that may be invoiced to IFMAR or its officers plus a handling fee of 25USD, even if the parcel was not or released too late.

The decision to refuse or to not approve submitted objects is IFMAR’s exclusive right and cannot be an issue to any claims.

Submitted batteries will not be returned.

If you intend to get approval for more than one product please copy page 3 and use only one form per submitted product.

Effect your **pre-payment of 50USD** (at no cost for beneficiary) per presented type into the accounts of IFMAR:

IFMAR, International bank Account: IBAN: **SE48 6000 0000 0000 4310 9969**  
Swift: **HANDSESS**  
Handelsbanken  
BOX 135  
60103 Norrkoping  
Sweden

(**Note:** All financial issues must be addressed to the IFMAR general secretary: [secretary@ifmar.org](mailto:secretary@ifmar.org))

- **Notify by email:** [electric.chairman@ifmar.org](mailto:electric.chairman@ifmar.org) that your products have been posted and if available the handler’s tracking number.

## LITHIUM BASED BATTERY

Approval Form 2018

Original MANUFACTURER of battery or OEM:	
Complete commercial TRADE name of battery:	
Unique Part / Reference number	<i>(this must also be on the pack)</i>

Construction type:	S1      S2 (thick one)	Stick      Shorty      Saddle (circle one)
Overall length:	mm	Height: mm      Large: mm:
Case Material(s):	Case thickness : mm	Case sealing method :
Max charging parameters Amps:      Volt:	Weight: gr.	MAmpere - Wh. Rating:

Addresses, phone, e-mail, URL of Reference distributors/retailers : *(re: availability checks)*

<input checked="" type="checkbox"/> Batteries available in:	Distributers	Addresses:	Email	http://www.
<input type="checkbox"/> Africa				
<input type="checkbox"/> Asia				
<input type="checkbox"/> Australia				
<input type="checkbox"/> Europe				
<input type="checkbox"/> North America				
<input type="checkbox"/> South America				

**or: include a list as attachment**

Submitting Company Name: .....(→ Use readable PRINT )

Address: .....

Country: .....

E-mail: .....

I hereby declare to be fully mandated to submit these samples and that the above information is correct to the best of my knowledge.

I accept that the samples and data submitted will be used as reference to check batteries at IFMAR World Championships and to grant IFMAR full rights to unconditionally publish images and data of the above products.

It is commonly agreed that approvals turning out not to be commercially available in a satisfactory manner or subject or matter to complaints regarding international safety regulations or infringing patents will be withdrawn from the list, even after approval. In such case the submitter shall not make any claim against IFMAR, including IFMAR's representatives, employees, and sub-contractors but shall indemnify these against any legal liability for claims or suits, including costs and expenses incidental thereto provided that IFMAR notifies the submitter of any claims or suits without undue delay.

Signed for and on behalf of: .....

By (Name): .....

Position: .....

.....  
SIGNATURE

*(return before February 15, 2018)*