

APPROVED 4S. 'STICK' Lithium (LiPo) BATTERY LIST. 2019. v1.

List shows years :- 2017 -- 2019.

Only Batteries detailed below (and any archive lists) are approved for EFRA Sanctioned Events.

EUROPEAN FEDERATION RADIO CONTROLLED AUTOMOBILES.

BATTERIES ON THIS HOMOLOGATION LIST HAVE BEEN CERTIFIED FOR COMPLIANCE WITH UN38.3, TESTS T1-T8.

Lithium based (LiPo) batteries detailed below, are approved for various EFRA Electric Classes. Section Rules will detail the type applicable.

Availability dates for new EFRA compliant Packs are not known at the date of publishing this list. Manufacturers have confirmed March 2019 latest.

EFRA rules limit battery energy capacity to comply with Airline Requirements (currently 100Wh.), based on Manufacturers data below.

Batteries approved from 2011 onwards must comply with the weight range specified. Batteries factory sealed (glue, weld etc.).

Battery packs must be able to be disconnected within the Car quickly without the use of tools. Direct soldering is not allowed.

Manufacturers advise that charge rate be restricted to 1C for optimum lifspan, but should not be more than stated below (for 2017 on).

Batteries MUST be charged using a 4S LiPo compatible charger. LiPo 'Sack' must be used when charging or discharging prior to race.

It is strictly NOT ALLOWED, to charge 4S LiPo Batteries to give an output voltage exceeding 16.80v.

Submitted by:	Label Details Part #	Illustration only	Manufacturer Supplied Data.	EFRA measured Specification,	Approval Date	
BATTERIES BELOW ARE APPROVED BY EFRA FOR 2019, BUT NOT ALLOWED AT 2019 EVENTS UNTIL 01.04.19.						
Associated Electrics	Reedy Zappers # 27342	MOG MICON GRAPHENY COMPETITION LIPO BATTERY	Reedy LiPo 4S 15.2v. 98.0 Wh. 110C Max charge rate: 3C 5 mm. Tubes	Sample complies with EFRA dimensions. Weights:- Sample: 538.3 g. Allowed: 509/551 g.	16.01.19	
Intellect Battery	IP # CC4S6000HV4	LIPB RACE PACH allican graphene Solution of the sast materials and solutions are solutions and solutions are solutions and solutions are solutions and solutions are solutions are solutions and solutions are solutions.	Intellect LiPo 4S 15.2v. 91.0 Wh. 120C Max charge rate: 3C 5 mm. Tubes	Sample complies with EFRA dimensions. Weights:- Sample: 531.5 g. Allowed: 509/551 g.	16.01.19	
Neidhart SA	Performa # PA9302	SINCE AND A SINCE	Neidhart SA LiPo 4S 14.8v. 98.0 Wh. 120C Max charge rate: 3C 5 mm. Tubes	Sample complies with EFRA dimensions. Weights:- Sample: 573.7 g. Allowed: 544/590 g.	16.01.19	
PK Racing	PK Racing Kansan # PK-200-228	KRISRII IN IN PERPENDICEU	PK Racing LiPo 4S 15.2v. 98.8 Wh. 120C Max charge rate: 2C 4.5 mm. Tubes	Sample complies with EFRA dimensions. Weights:- Sample: w/w 584.8 g. Allowed: 584/632 g.	16.01.19	
ProTek RC	ProTek RC # PTK-5101-19	IIII CO 11 A 19 11 C 12 19 19 19 19 19 19 19 19 19 19 19 19 19	ProTek LiPo 4S 15.2v. 62.3 Wh. 120C Max charge rate: 3C Wires	Sample complies with EFRA dimensions. Weights:- Sample w/w: 343.3 g. Allowed: 336/364 g.	16.01.19	
ProTek RC	ProTek RC # PTK-5118-18	R APPROVED	ProTek LiPo 4S 15.2v. 85.0 Wh. 100C Max charge rate: 3C 5 mm. Tubes	Sample complies with EFRA dimensions. Weights:- Sample: 467.9 g. Allowed: 446/484 g.	16.01.19	
ProTek RC	ProTek RC # PTK-5106-19	FEGURA PROVED	ProTek LiPo 4S 15.2v. 98.8 Wh. 120C Max charge rate: 3C 5 mm. Tubes	Sample complies with EFRA dimensions. Weights:- Sample: 538.6 g. Allowed: 509/551 g.	16.01.19	
BATT	BATTERIES BELOW THIS LEVEL WERE APPROVED BY EFRA FOR 2018 AND ARE ALLOWED AT ALL 2019 EVENTS.					
Associated Electrics	Reedy Zappers # 27328	GADO WILLIAM STATES	Reedy LiPo 4S 15.2v. 98.0 Wh. 110C Max charge rate: 3C 5 mm. Tubes	Sample complies with EFRA dimensions. Weights:- Sample: 548.7 g. Allowed: 528/572 g.	18.01.18	

Intellect Battery	IP # CC4S5200HV3	HOVA 1988 GAIT sussephene High LCG	Intellect LiPo 4S 15.2v. 79.0 Wh. 120C Max charge rate: 3C 5 mm. Tubes	Sample complies with EFRA dimensions. Weights:- Sample: 469.2 g. Allowed: 446/484 g.	18.01.18
Intellect Battery	IP # CC4S6000HV3	LIPO RACE PACK allicon graphene	Intellect LiPo 4S 15.2v. 91.0 Wh. 120C Max charge rate: 3C 5 mm. Tubes	Sample complies with EFRA dimensions. Weights:- Sample: 533.8 g. Allowed: 509/551 g.	18.01.18
LRP	LRP P5 Offroad # 430269	CARGUEDO SER DE LA SECULIA DE	LRP LiPo 4S 14.8v. 97.7 Wh. 120C Max charge rate: 3C 5 mm. Tubes	Sample complies with EFRA dimensions. Weights:- Sample: 622.2 g. Allowed: 599/649 g.	18.01.18
Neidhart SA	Orion Ultimate # ORI 14516	SECO CITY OF THE SECOND STATE OF THE SECOND ST	Orion LiPo 4S 14.8v. 97.7 Wh. 120C Max charge rate: 3C 5 mm. Tubes	Sample complies with EFRA dimensions. Weights:- Sample: 578.6 g. Allowed: 553/600 g.	18.01.18
Nosram	Nosram P5 Offroad # 999551	PE I/B OFFROAD GRAPHENE: COCION INVLIPO MEN STANK (INVISION) BOCKON INVLIPO MEN STANK (INVISION)	Nosram LiPo 4S 14.8v. 97.7 Wh. 120C Max charge rate: 3C 5 mm. Tubes	Sample complies with EFRA dimensions. Weights:- Sample: 626.0 g. Allowed: 599/649 g.	18.01.18
Shenzhen Grepow	GensAce # B100C67504S1 P HC-50-HV-RS	FINANCE OCCURRENCE OCO	GensAce LiPo 4S 14.8v. 99.9 Wh. 100C Max charge rate: 1C 5 mm. Tubes	Sample complies with EFRA dimensions. Weights:- Sample: 586.1 g. Allowed: 563/609 g.	18.01.18
Team Corally	Corally Voltax # C-49530	THE REST OF THE PARTY OF THE PA	Corally LiPo 4S 14.8v. 96.2 Wh. 120C Max charge rate: 2C 5 mm. Tubes	Sample complies with EFRA dimensions. Weights:- Sample: w/w 570.9 g. Allowed: 549/595 g.	18.01.18
Team Corally	Corally Voltax # C-49631	VILLYAX FAXCHESS SICES 15-Bit 1 a Bit 1 stronger (1)7 SS. 2 V	Corally LiPo 4S 15.2v. 99.0 Wh. 120C Max charge rate: 2C Wires	Sample complies with EFRA dimensions. Weights:- Sample: w/w 609.0 g. Allowed: 584/635 g.	18.01.18
Team Corally	Corally Voltax # C-49630	WINTAN SPACERES SINCE 1-5-2V	Corally LiPo 4S 15.2v. 99.0 Wh. 120C Max charge rate: 2C 5 mm. Tubes	Sample complies with EFRA dimensions. Weights:- Sample: w/w 551.6 g. Allowed: 530/574 g.	18.01.18
Team Corally	Corally Voltax # 49531	WESTAN WACKERS AL-PES SIDEY FORT TOWN TO TRIBUTE THE PLANT THE PL	Corally LiPo 4S 14.8v. 99.9 Wh. 120C Max charge rate: 2C Wires	Sample complies with EFRA dimensions. Weights:- Sample: w/w 604.3 g. Allowed: 580/628 g.	18.01.18
BATT	ERIES BELOW	THIS LEVEL WERE APPROVED BY EFRA F	OR 2017 AND ARE ALI	OWED AT ALL 2019 EV	ENTS.
Intellect Battery	IP # CC4S6000HV2	LIHV 6000mAh (120C 15.2V 510) LIHV 6000mAh (120C 15.2V 510) Made: GC 4 0000my	Intellect LiPo 4S 15.2v. 91.0 Wh. 120C Max charge rate: 3C 5 mm. Tubes	Sample complies with EFRA dimensions. Weights:- Sample: 543.8 g. Allowed: 528/572 g.	05.01.17

Paul Worsley, (EFRA Battery Homologation Officer). Updated - 16.01.19. (Three Pages).						
Team Corally	Corally X-Treme # 48242	SOURS DESIGNATION OF THE PROPERTY OF THE PROPE	Corally LiPo 4S 14.8v. 98.8 Wh. 90C Max charge rate:1.3C Wires	Sample complies with EFRA dimensions. Weights:- Sample: w/w 495.7 g. Allowed: 475/515 g.	05.01.17	
Team Corally	Corally Coral-X # 48375	CORREST OF THE PROPERTY OF THE	Corally LiPo 4S 15.2v. 98.8 Wh. 100C Max charge rate:1.3C Wires	Sample complies with EFRA dimensions. Weights:- Sample: w/w 573.4 g. Allowed: 551/597 g.	05.01.17	
ProTek RC	ProTek RC # PTK-5106-17	IIII S L L L D N O R A P H E N E I Jahan Paljuar Estley Face Fix 5166-17 18 898-	ProTek LiPo 4S 15.2v. 98.8 Wh. 100C Max charge rate: 3C 5 mm. Tubes	Sample complies with EFRA dimensions. Weights:- Sample: 540.5 g. Allowed: 528/572 g.	05.01.17	
Nosram	Nosram X-treme Race # 999539	PS	Nosram LiPo 4S 14.8v. 97.7 Wh. 110C Max charge rate: 3C 5 mm. Tubes	Sample complies with EFRA dimensions. Weights:- Sample: 638.5 g. Allowed: 609/659 g.	05.01.17	
Neidhart SA	Orion # ORI 14090	CARBON PRO 110C 14.8V 48 WHEN THE	Orion LiPo 4S 14.8v. 71.0 Wh. 110C Max charge rate: 3C Wires	Sample complies with EFRA dimensions. Weights:- Sample: w/w 469.6 g. Allowed: 451/489 g.	05.01.17	
Neidhart SA	Orion # ORI 14084	1100 14 14 14 45	Orion LiPo 4S 14.8v. 71.0 Wh. 110C Max charge rate: 3C 5 mm. Tubes	Sample complies with EFRA dimensions. Weights:- Sample: 436.5 g. Allowed: 418/452 g.	05.01.17	
Muchmore Racing	Impact # MLI- 4SLCG5200FD2	(4S LIPO)	Muchmore LiPo 4S 14.8v. 76.9 Wh. 110C Max charge rate: 1C Wires	Sample complies with EFRA dimensions. Weights:- Sample: w/w 453.7 g. Allowed: 434/470 g.	05.01.17	
Modern Creations	Team Silverback Spiral R # 6750904SIN	SPIRAL REPORTED TO STANDARD ST	Modern Creations LiPo 4S 14.8v. 99.9 Wh. 90C Max charge rate: 3C 5 mm. Tubes	Sample complies with EFRA dimensions. Weights:- Sample: 530.5 g. Allowed: 509/551 g.	05.01.17	
LRP	LRP # 430246	O PS 10 15011 NO SECURITY THE ROLL SECURITY TO SECUR	LRP LiPo 4S 14.8v. 97.7 Wh. 110C Max charge rate: 3C 5 mm. Tubes	Sample complies with EFRA dimensions. Weights:- Sample: 637.3 g. Allowed: 609/659 g.	05.01.17	