

APPROVED 4S. 'STICK' Lithium (LiPo) BATTERY LIST. 2025. v1.

List shows years :- 2017 -- 2025.

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

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 BRCA Electric Classes. Section Rules will detail the type applicable.

Availability dates for new BRCA compliant Packs are not known at the date of publishing this list. Manufacturers have confirmed March 2025 latest.

BRCA EB 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.	BRCA measured Specification,	Approval Date	
BATTERIES BELOW ARE APPROVED BY BRCA FOR 2025, BUT NOT ALLOWED AT BRCA 2025 EVENTS UNTIL 01.04.25.						
Absima	Absima # AB4150024	TOH MICHES 1400	Absima LiPo 4S 15.2v. 95.76 Wh. 140C Max charge rate: 1C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 451.0 g. Allowed: 433/469 g.	01.01.25	
Team Exalt	Exalt X Rated # EXA3402	RATED S	Exalt LiPo 4S 14.8v. 87.32 Wh. 135C Max charge rate: 1C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 462.4 g. Allowed: 442/478 g.	01.01.25	
BAT	TERIES BELO	W THIS LEVEL WERE APPROVED BY BRCA	FOR 2024 AND ARE A	LLOWED AT 2025 EVEN	NTS.	
Team Corally	Corally Voltax # 49731	DUDU COMPRESSOR STREET	Corally LiPo 4S 14.8v. 99.9 Wh. 120C Max charge rate: 2C Wires with 4.5 mm. tube plug	Sample complies with BRCA dimensions. Weights:- Sample: 625.2 g. Allowed: 597/647 g. Including wires	01.01.24	
Kiel Technology	Fido ECP plus # Fi65130-4S1P HV	PORTOR OF THE PROPERTY OF THE	Kiel LiPo 4S 15.2v. 98.8 Wh. 130C Max charge rate: 3C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 482.6 g. Allowed: 464/502 g.	01.01.24	
ONYX Power Systems	Modified V2 # OPS62212	TEAM-ONYX 6200 NOTIFICATION MODIFIED LIEU V2 REPOWER STSTAMS THE POWER STSTAMS	ONYX LiPo 4S 15.2v. 94.2 Wh. 160C Max charge rate: 3C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 423.8 g. Allowed: 407/441 g.	01.01.24	
ONYX Power Systems	Modified V2 LCG # OPS65211	COSS9 XXVO-WAIL 6550 CONTROL MODIFIED LHB V2 CONTROL MODIFIED LHB V2 CONTROL MODIFIED LHB V2 CONTROL MODIFIED LHB V2	ONYX LiPo 4S 15.2v. 99.6 Wh. 150C Max charge rate: 3C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 467.7 g. Allowed: 449/487 g.	01.01.24	
Shenzhen Grepow	GensAce Redline 2.0 # GEA6000 4S14S	FIRE POLICE OF STANFORM	GensAce LiPo 4S 15.2v. 91.2 Wh. 140C Max charge rate: 1C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 413.2 g. Allowed: 398/432 g.	01.01.24	
Shenzhen Grepow	GensAce Redline 2.0 # GEA6300 4S14D5	CONTROL OF CHAMPEN SERVE OCO	GensAce LiPo 4S 15.2v. 95.76 Wh. 140C Max charge rate: 1C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 452.7 g. Allowed: 437/473 g.	01.01.24	
BATTERIES BELOW THIS LEVEL WERE APPROVED BY BRCA FOR 2023 AND ARE ALLOWED AT 2025 EVENTS.						

Fyrrework Kiel Sample complies with ECP plus BRCA dimensions. LiPo 4S 15.2v. Kiel 98.8 Wh. 130C Weights:-02.01.23 Technology F65130-4S1P Max charge rate: 1C Sample: 485.4 g. 6500 HV 5 mm. Tubes Allowed: 466/504 g. BATTERIES BELOW THIS LEVEL WERE APPROVED BY BRCA FOR 2022 AND ARE ALLOWED AT 2025 EVENTS. Sample complies with Absima Absima BRCA dimensions. LiPo 4S 15 2v Competition Absima 89.7 Wh. 140C Weights:-03.01.22 # Max charge rate: 1C Sample: 448.2 g. 4150014 5 mm. Tubes Allowed: 430/466 g. Sample complies with Reedy LiPo 4S 15.2v. BRCA dimensions. Reedv Associated Zappers SG5 96.0 Wh. 90C Weights:-03.01.22 Electrics # 27390 Max charge rate: 3C Sample: 443.7 g. 5 mm. Tubes Allowed: 427/463 g. Sample complies with Reedy LiPo 4S BRCA dimensions. Reedy 15.2v. Associated Zappers SG5 80.0 Wh. 130C Weights:-03.01.22 **Flectrics** # 27389 Max charge rate: 3C Sample: 451.4 g. 5 mm. Tubes Allowed: 432/468 g. Reedy Sample complies with LiPo 4S BRCA dimensions. 15.2v. Reedy Associated Zappers SG5 99.0 Wh. 130C Weights:-03.01.22 **Electrics** # 27388 Max charge rate: 3C Sample: 574.6 g. 5 mm. Tubes Allowed: 547/593 g. Freemax Tech. Sample complies with Arrowmax LiPo 4S 14.8v. BRCA dimensions. Freemax 88.8 Wh. 130C Weights:-03.01.22 Technology AM 700610 Max charge rate: 1C Sample: 482.0 q. 5 mm. Tubes Allowed: 463/501 g. ΙP Intellect Sample complies with Intellect LiPo 4S BRCA dimensions. **Platinum** 15.2v. Pioneering Weights:-97.0 Wh. 120C 03.01.22 Series Battery Max charge rate: 3C Sample: 445.0 g. # Technology BG4S6400PT2 5 mm. Tubes Allowed: 427/463 g. Intellect Sample complies with IΡ Intellect Platinum LiPo 4S 15.2v. BRCA dimensions. Pioneering 79.0 Wh. 120C Weights:-03.01.22 Series Battery 451.0 g. Max charge rate: 3C Sample: # Technology CC4S5200PT2 5 mm. Tubes Allowed: 432/468 g. ΙP Sample complies with Intellect Intellect LiPo 4S BRCA dimensions. Platinum 15.2_V. Pioneering 99.0 Wh. 120C Weights:-03.01.22 Series Battery # Max charge rate: 3C Sample: 575.5 g. Technology CC4S6500PT2 5 mm. Tubes Allowed: 547/593 g. I RP Sample complies with LRP G4.1 BRCA dimensions. LiPo 4S 15.2v. LCG **LRP** 91.2 Wh. 120C Weights:-03.01.22 Modified Max charge rate: 3C Sample: 475.7 g. # 432250

5 mm. Tubes

4S

Max charge rate: 3C

15.2v.

120C

LRP

LiPo

99.6 Wh.

5 mm. Tubes

LRP G4.1

LCG

Modified

432251

LRP

Allowed: 459/497 g.

Sample complies with

BRCA dimensions.

Allowed: 518/562 g.

538.2 g.

Weights:-

Sample:

03.01.22

31.12.22

Wts. Amended

ProTek RC	ProTek RC # PTK-5131-22	The state of the s	ProTek LiPo 4S 15.2v. 97.2 Wh. 130C Max charge rate: 3C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 445.6 g. Allowed: 427/463 g.	03.01.22
ProTek RC	ProTek RC # PTK-5118-22	SECTION MANAGEMENT AND	ProTek LiPo 4S 15.2v. 85.0 Wh. 130C Max charge rate: 3C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 465.5 g. Allowed: 451/489 g.	03.01.22
Ruddog Dist.	Ruddog # RP-0475	SESSE 19-14 SERVING AS LIPS IN THE PERSON OF	Ruddog LiPo 4S 15.2v. 99.9 Wh. 150C Max charge rate: 2C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 484.8 g. Allowed: 466/504 g.	03.01.22
Xiamen 3-Circles	Sunpadow # JA0010	SZUD MRD Graphen Address 120 mars 1 mg 1 m	3-Circles LiPo 4S 14.8v. 77.0 Wh. 130C Max charge rate: 3C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 488.2 g. Allowed: 470/510 g.	03.01.22
Xiamen 3-Circles	Sunpadow # JA0015	SEQUENT AND THE PROPERTY OF TH	3-Circles LiPo 4S 14.8v. 82.9 Wh. 120C Max charge rate: 3C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 482.2 g. Allowed: 465/503 g.	03.01.22
Xiamen 3-Circles	Sunpadow # JA0033	Particular Company Com	3-Circles LiPo 4S 14.8v. 93.2 Wh. 130C Max charge rate: 3C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 596.3 g. Allowed: 574/622 g.	03.01.22
Xiamen 3-Circles	Sunpadow # JA0007	B700 mAir graphone lance Anteries la	3-Circles LiPo 4S 14.8v. 99.2 Wh. 120C Max charge rate: 3C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 587.2 g. Allowed: 565/613 g.	03.01.22
		nomologated for 2021, as batteries from 202	,		
BAT	TTERIES BELO	W THIS LEVEL WERE APPROVED BY BRCA	A FOR 2020 AND ARE A	LLOWED AT 2025 EVEN	ITS.
Associated Electrics	Reedy Zappers SG3 # 27353	6400 6400 CANADA	Reedy LiPo 4S 15.2v. 98.0 Wh. 115C Max charge rate: 3C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 559.0 g. Allowed: 533/577 g.	10.01.20
Neidhart SA	Orion V-Max # ORI 14520	V-MRX-MV III. IIV	Neidhart SA LiPo 4S 15.2v. 99.9 Wh. 128C Max charge rate: 3C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 571.5 g. Allowed: 547/593 g.	10.01.20
Ruddog Dist.	Ruddog # RP-0178	AMERICA DOOL OOSS I	Ruddog LiPo 4S 15.2v. 98.8 Wh. 100C Max charge rate: 2C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 538.1 g. Allowed: 535/579 g.	10.01.20
Shenzhen Grepow	GensAce Redline # 130C60004S1P HC59-HV	TIES POLICE OCO	GensAce LiPo 4S 15.2v. 91.2 Wh. 130C Max charge rate: 1C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 435.3 g. Allowed: 422/458 g.	10.01.20

Shenzhen Grepow	GensAce # 120C65504S1P HC50-HV	FERS OCC PROBLEM TO THE	GensAce LiPo 4S 15.2v. 99.6 Wh. 120C Max charge rate: 1C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 589.0 g. Allowed: 547/593 g.	10.01.20
Vapex Technology	VP Racing # VP98959	6500 V198039 ### 700	Vapex LiPo 4S 15.2v. 98.8 Wh. 70C Max charge rate: 2C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 556.9 g. Allowed: 535/579 g.	10.01.20
BATTERIES	S BELOW THIS	LEVEL HAVE BEEN FOUND TO COMPLY W	ITH BRCA RULES AND	ARE ALLOWED AT 202	25 EVENTS.
Associated Electrics	Reedy Zappers SG2 # 27342	PROCESSOR OF THE PROCES	Reedy LiPo 4S 15.2v. 98.0 Wh. 110C Max charge rate: 3C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 538.3 g. Allowed: 509/551 g.	16.01.19
Intellect Battery	IP # CC4S6000HV4	LIPO RACE PACK ASSOCIATION OF THE PACK ASSOC	Intellect LiPo 4S 15.2v. 91.0 Wh. 120C Max charge rate: 3C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 531.5 g. Allowed: 509/551 g.	16.01.19
Neidhart SA	Performa # PA9302		Neidhart SA LiPo 4S 14.8v. 98.0 Wh. 120C Max charge rate: 3C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 573.7 g. Allowed: 544/590 g.	16.01.19
PK Racing	PK Racing Kansan # PK-200-228	KANSAN KA	PK Racing LiPo 4S 15.2v. 98.8 Wh. 120C Max charge rate: 2C 4.5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: w/w 584.8 g. Allowed: 584/632 g.	16.01.19
ProTek RC	ProTek RC # PTK-5101-19	CHIPO MANAGEMENT PARK CHIPOLOGICAL PROPERTY OF THE PROPERTY OF	ProTek LiPo 4S 15.2v. 62.3 Wh. 120C Max charge rate: 3C Wires	Sample complies with BRCA dimensions. Weights:- Sample w/w: 343.3 g. Allowed: 336/364 g.	16.01.19
ProTek RC	ProTek RC # PTK-5118-18	APPROVED	ProTek LiPo 4S 15.2v. 85.0 Wh. 100C Max charge rate: 3C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 467.9 g. Allowed: 446/484 g.	16.01.19
ProTek RC	ProTek RC # PTK-5106-19	PRIAR APPROVED	ProTek LiPo 4S 15.2v. 98.8 Wh. 120C Max charge rate: 3C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 538.6 g. Allowed: 509/551 g.	16.01.19
Associated Electrics	Reedy Zappers SG # 27328	AND STATE OF THE S	Reedy LiPo 4S 15.2v. 98.0 Wh. 110C Max charge rate: 3C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 548.7 g. Allowed: 528/572 g.	18.01.18
Intellect Battery	IP # CC4S5200HV3	LIPO RACE PACK ### LIPO R	Intellect LiPo 4S 15.2v. 79.0 Wh. 120C Max charge rate: 3C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 469.2 g. Allowed: 446/484 g.	18.01.18

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Intellect Battery	IP # CC4S6000HV3	LIPO RACE PACE Afficen-graphene	Intellect LiPo 4S 15.2v. 91.0 Wh. 120C Max charge rate: 3C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 533.8 g. Allowed: 509/551 g.	18.01.18
LRP	LRP P5 Offroad # 430269	CO PRIVE OFFICE CONTRACTOR OF THE PROPERTY OF	LRP LiPo 4S 14.8v. 97.7 Wh. 120C Max charge rate: 3C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 622.2 g. Allowed: 599/649 g.	18.01.18
Neidhart SA	Orion Ultimate # ORI 14516		Orion LiPo 4S 14.8v. 97.7 Wh. 120C Max charge rate: 3C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 578.6 g. Allowed: 553/600 g.	18.01.18
Nosram	Nosram P5 Offroad # 999551	PEUR OFFROAD GRAPHENEZ	Nosram LiPo 4S 14.8v. 97.7 Wh. 120C Max charge rate: 3C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 626.0 g. Allowed: 599/649 g.	18.01.18
Shenzhen Grepow	GensAce # B100C67504S1 P HC-50-HV-RS	General OCC	GensAce LiPo 4S 14.8v. 99.9 Wh. 100C Max charge rate: 1C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 586.1 g. Allowed: 563/609 g.	18.01.18
Team Corally	Corally Voltax # C-49530	Control of the contro	Corally LiPo 4S 14.8v. 96.2 Wh. 120C Max charge rate: 2C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: w/w 570.9 g. Allowed: 549/595 g.	18.01.18
Team Corally	Corally Voltax # C-49631	WHAT IS STATE SHEET STATE SHEET SHEE	Corally LiPo 4S 15.2v. 99.0 Wh. 120C Max charge rate: 2C Wires	Sample complies with BRCA dimensions. Weights:- Sample: w/w 609.0 g. Allowed: 584/635 g.	18.01.18
Team Corally	Corally Voltax # C-49630	MANAR BACKSEE BEEF	Corally LiPo 4S 15.2v. 99.0 Wh. 120C Max charge rate: 2C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: w/w 551.6 g. Allowed: 530/574 g.	18.01.18
Team Corally	Corally Voltax # 49531	WELVE WITH STREET AT THE STREE	Corally LiPo 4S 14.8v. 99.9 Wh. 120C Max charge rate: 2C Wires	Sample complies with BRCA dimensions. Weights:- Sample: w/w 604.3 g. Allowed: 580/628 g.	18.01.18
Intellect Battery	IP # CC4S6000HV2	CLIHV 6000mAh UPO BACK SALOW CHIEF SALOW C	Intellect LiPo 4S 15.2v. 91.0 Wh. 120C Max charge rate: 3C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 543.8 g. Allowed: 528/572 g.	05.01.17
LRP	LRP # 430246	SIL LIGHT	LRP LiPo 4S 14.8v. 97.7 Wh. 110C Max charge rate: 3C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 637.3 g. Allowed: 609/659 g.	05.01.17

Modern Creations	Team Silverback Spiral R # 6750904SIN	SPIRAL-R STATE OF STA	Modern Creations LiPo 4S 14.8v. 99.9 Wh. 90C Max charge rate: 3C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 530.5 g. Allowed: 509/551 g.	05.01.17
Muchmore Racing	Impact # MLI- 4SLCG5200FD2	MIPAGISZOO (45 LIPO)	Muchmore LiPo 4S 14.8v. 76.9 Wh. 110C Max charge rate: 1C Wires	Sample complies with BRCA dimensions. Weights:- Sample: w/w 453.7 g. Allowed: 434/470 g.	05.01.17
Neidhart SA	Orion # ORI 14084	4800 4800 4800 4800 4800 4800 4800 4800	Orion LiPo 4S 14.8v. 71.0 Wh. 110C Max charge rate: 3C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 436.5 g. Allowed: 418/452 g.	05.01.17
Neidhart SA	Orion # ORI 14090	CARBON PRO 110C 14.8V 48	Orion LiPo 4S 14.8v. 71.0 Wh. 110C Max charge rate: 3C Wires	Sample complies with BRCA dimensions. Weights:- Sample: w/w 469.6 g. Allowed: 451/489 g.	05.01.17
Nosram	Nosram X-treme Race # 999539	PS Company Com	Nosram LiPo 4S 14.8v. 97.7 Wh. 110C Max charge rate: 3C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 638.5 g. Allowed: 609/659 g.	05.01.17
ProTek RC	ProTek RC # PTK-5106-17	I James Primer Enter Primer Primer State 17 Stat	ProTek LiPo 4S 15.2v. 98.8 Wh. 100C Max charge rate: 3C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 540.5 g. Allowed: 528/572 g.	05.01.17
Team Corally	Corally Coral-X # 48375	COURSE DO	Corally LiPo 4S 15.2v. 98.8 Wh. 100C Max charge rate:1.3C Wires	Sample complies with BRCA dimensions. Weights:- Sample: w/w 573.4 g. Allowed: 551/597 g.	05.01.17
Team Corally	Corally X-Treme # 48242	SPULL TO STATE OF THE STATE OF	Corally LiPo 4S 14.8v. 98.8 Wh. 90C Max charge rate:1.3C Wires	Sample complies with BRCA dimensions. Weights:- Sample: w/w 495.7 g. Allowed: 475/515 g.	05.01.17
Paul Worsley, (BRCA Battery Homologation Officer). Updated - 01.01.25. (Six Pages					