

Elektro Stockcar 1:12 Technisch Reglement 2023/2024

1. Het stockcar model moet redelijkerwijs gelijkenis vertonen met een "Full size stockcar" (Brisca F1/ F2).
2. Chassis lengte moet tussen 285 mm en 310 mm liggen. De breedte maximaal 160 mm.
Chassis moeten altijd in de Maat bak (310 mm x 160 mm passen). De Grondspeling moet altijd minimaal 3 mm bedragen.
3. Voor en achterbumper moeten zijn gemonteerd en een raakvlak hebben tussen 8 mm en 16 mm.
Afstand hartlijn bumper en wegdek moet tussen de 32 mm en 41 mm liggen.
De bumperuiteinden moeten zijn afgedicht en mogen geen scherpe randen hebben en vervaardigd zijn uit materiaal anders dan metaal.
4. Op de voor en achterbumper moet een bumperbar gemonteerd zijn. De hoogte van de bumperbar aan de voorzijde bedraagt maximaal 32 mm en minimaal 19 mm.
De maximale hoogte van de bumperbar aan de achterzijde is maximaal 25 mm en minimaal 15 mm.
5. Zijbars moeten op dezelfde lijn/hoogte liggen als de bumpers en moeten aan het chassis bevestigd zijn.
Het raakvlak van de zijbars moet minimaal 8 mm bedragen en mag niet groter zijn als de hoogte van de voor of achterbumper.
6. Kappen en spoilers moeten uit een kunststof materiaal zijn vervaardigd. Alle 4 de ruitopeningen moeten zijn aangebracht.
Hoogte achterkant body en het wegdek bedraagt tussen de 88 mm en 126 mm.
Indien er een spoiler gemonteerd is mag deze geen scherpe randen bevatten en deugdelijk aan de kap zijn bevestigd.
Het liggend vlak van de spoiler mag niet meer dan 126 mm bij 126 mm zijn. De zijvlakken van de spoiler mogen maximaal 126 mm bij 70 mm zijn.
Het dak, inclusief de "stijlen" van de stockcar moet geheel in de kleur zijn van de op dat moment geldend d a k k l e u r . Indien er een spoiler bevestigd is mag ook worden volstaan met alleen het centerpaneel van de spoiler in de juiste dakkleur.
7. De bodemplaat dient van GRP (Glasvezelversterkt plastic is gegoten plastic versterkt met een lengte van glasvezel. Geïnjecteerd gegoten GRP heeft een zeer korte vezel lengte tot 3 mm) te zijn, het chassis moet van nylon of polipropyleen zijn vervaardigd.
8. Bij aanvang van de wedstrijd (NSO, EK, WK, GP zal bij de technische keuring de bodemplaat worden gemerkt. Deze mag tijdens de wedstrijd dag niet verwisseld worden.
Word dit geconstateerd bij de keuring wordt de rijder gediskwalificeerd voor die wedstrijd dag.
9. De rijder moet zijn nationale startnummer duidelijk op de kap aanbrengen en deze moet een minimale hoogte hebben van 10 mm. De naam van de rijder moet op de buitenzijde van de kap zijn vermeld.
10. De kosten van een complete stockcar, exclusief zendapparatuur en accu mag niet boven de 230 euro komen. In geval van zelfbouw moet de bouwer bereid zijn om desgevraagd meerdere exemplaren te bouwen en te verkopen voor maximaal 230 euro.
11. Brushless Set alleen van CORE toegestaan:
 - CORE Pace 45R , CORE Pace 60R en Core pace 95R moet in Blinky Mode/ "ROAR blinking LEDs mode" staan.
 - Speed Passion 10.5 turns motor en Core rc star series 10.5T motor.
 - Alleen Lipo's van de acculijst.
 - Laden ALTIJD in de LAADZAK.
12. Tandwielen zijn vrij qua vertanding. Er mogen maar 2 tandwielen gemonteerd zijn voor de aandrijving (directe aandrijving), Alleen 32dp pitch.
13. Het model dient voor de heat achteruit te kunnen rijden.
14. Slipkoppelingen en differentiëlen zijn niet toegestaan. Alleen aandrijving op de onverdeelde achteras is toegestaan.
15. Metalen antennes en anti- rolbars zijn niet toegestaan. Eventueel een plastic antenne geleiding tot een maximale hoogte van 200 mm gemeten vanaf het wegdek is wel toegestaan.
16. Banden dienen minimaal 12 mm en maximaal 26 mm breed te zijn, met een maximale diameter van 60 mm. Smeermiddelen op banden zijn niet toegestaan. Bij E.K en WK moeten op de achteras **SCHUMACHER** gekleurde banden gemonteerd zijn.
17. Kogellagers zijn zowel op de voor als de achteras toegestaan.
18. Het voltage van de LiPo accu mag bij finales niet hoger zijn dan 4.2 Volt.
19. Bij finales vindt de keuring van de stockcar plaats 8 minuten voor aanvang van de finales, na goedkeuring blijft de stockcar op de keuringstafel staan. Bij 3 minuten voor aanvang van de finale wordt de stockcar vrijgegeven.
Na iedere verandering moet de stockcar weer opnieuw gekeurd te worden, minimaal 30 seconden voor aanvang van de race moeten alle gekeurde stockcars op de startgrid gereed staan. Ongekeurde stockcars worden op dat moment niet meer toegelaten in die race.



Gewijzigd t.o.v. 2022-2023 en Lipo Lijst

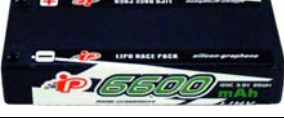
Verwijderd: Alle gegevens m.b.t. NPK

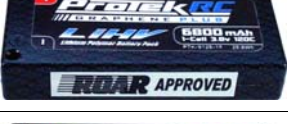
BATTERIES ON THIS HOMOLOGATION LIST HAVE BEEN CERTIFIED FOR COMPLIANCE WITH UN38.3, TESTS T1-T8.

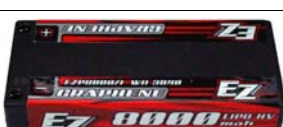
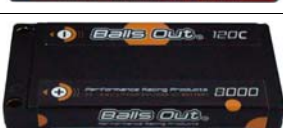
Lithium based (LiPo) batteries detailed below, are approved for various BRCA Electric Classes. Section Rules will detail the type applicable.
Availability dates for new BRCA compliant Packs are not known at the date of publishing this list. Manufacturers have confirmed March 2023 latest.
BRCA EB rules 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 lifespan, but should not be more than stated below (for 2017 on).
Batteries MUST be charged using a 1S LiPo compatible charger. LiPo 'Sack' must be used when charging or discharging prior to race.
It is strictly NOT ALLOWED, to charge 1S LiPo Batteries to give an output voltage exceeding 4.20v.

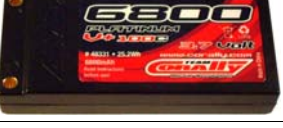
Submitted by:	Label Details Part #	Illustration only	Manufacturer Supplied Data.	BRCA measured Specification,	Approval Date
BATTERIES BELOW ARE APPROVED BY BRCA FOR 2023, BUT NOT ALLOWED AT 2023 EVENTS UNTIL 01.04.23.					
Kiel Technology	Fyrrework ECP plus # F74200-1S2P		Kiel LiPo 1S 3.7v. 27.3 Wh. 200C Max charge rate: 1C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 155.7 g. Allowed: 149/161 g.	02.01.23
Kiel Technology	Fyrrework ECP plus # F85130-1S2P		Kiel LiPo 1S 3.7v. 31.4 Wh. 130C Max charge rate: 1C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 164.3 g. Allowed: 157/171 g.	02.01.23
Xiamen 3-Circles	Sunpadow Platin # JA0039		3-Circles LiPo 1S 3.7v. 30.34 Wh. 140C Max charge rate: 3C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 157.0 g. Allowed: 150/162 g.	02.01.23
Xiamen 3-Circles	Sunpadow Platin # JA0036H		3-Circles LiPo 1S 3.8v. 33.44 Wh. 140C Max charge rate: 3C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 157.1 g. Allowed: 151/163 g.	02.01.23
Calandra Racing	CRC Rocket Fuel # CRC 37151		Calandra LiPo 1S 3.7v. 27.75 Wh. 150C Max charge rate: 1C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 155.3 g. Allowed: 154/166 g.	02.01.23
Calandra Racing	CRC Rocket Fuel # CRC 3715		Calandra LiPo 1S 3.7v. 31.45 Wh. 130C Max charge rate: 1C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 165.5 g. Allowed: 163/177 g.	02.01.23
Team EAM	EAM # EAM75130-1		EAM LiPo 1S 3.7v. 27.75 Wh. 130C Max charge rate: 3C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 155.2 g. Allowed: 149/161 g.	02.01.23
Team EAM	EAM # EAM85130-1		EAM LiPo 1S 3.7v. 31.45 Wh. 130C Max charge rate: 3C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 165.0 g. Allowed: 158/172 g.	02.01.23
BATTERIES BELOW WERE APPROVED BY BRCA FOR 2022, AND ARE ALLOWED AT ALL 2023 EVENTS.					
Absima	Absima Competition # 4150015		Absima LiPo 1S 3.7v. 29.2 Wh. 140C Max charge rate: 1C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 144.6 g. Allowed: 141/153 g.	03.01.22
Associated Electrics	Reedy Zappers SG5 # 27387		Reedy LiPo 1S 3.8v. 26.0 Wh. 130C Max charge rate: 3C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 151.9 g. Allowed: 146/158 g.	03.01.22

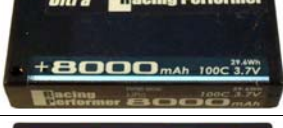
Associated Electrics	Reedy Zappers SG5 # 27386		Reedy LiPo 1S 3.8v. 34.0 Wh. 90C Max charge rate: 3C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 152.8 g. Allowed: 146/158 g.	03.01.22
Intellect Pioneering Battery Technology	IP Platinum Series # CC1S8800PT2		Intellect LiPo 1S 3.8v. 33.0 Wh. 120C Max charge rate: 3C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 152.9 g. Allowed: 146/158 g.	03.01.22
LRP	LRP G4.1 Modified # 431268		LRP LiPo 1S 3.7v. 30.0 Wh. 120C Max charge rate: 3C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 158.4 g. Allowed: 153/165 g.	03.01.22
Nosram	Nosram G4.1 Modified # 999740		Nosram LiPo 1S 3.7v. 30.0 Wh. 120C Max charge rate: 3C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 154.2 g. Allowed: 149/161 g.	03.01.22
ProTek RC	ProTek RC # PTK-5105-22		ProTek LiPo 1S 3.8v. 33.4 Wh. 130C Max charge rate: 3C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 153.1 g. Allowed: 146/158 g.	03.01.22
United Sino Enterprises	ORCA Infinite X # LP21IN1S86S		United Sino Ent. LiPo 1S 3.7v. 31.8 Wh. 135C Max charge rate: 1C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 159.1 g. Allowed: 154/166 g.	03.01.22
BATTERIES BELOW WERE APPROVED BY BRCA FOR 2021, AND ARE ALLOWED AT ALL 2023 EVENTS.					
Associated Electrics	Reedy Zappers SG4 # 27368		Reedy LiPo 1S 3.8v. 26.0 Wh. 115C Max charge rate: 2C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 155.0 g. Allowed: 151/163 g.	12.07.21
Associated Electrics	Reedy Zappers SG4 # 27367		Reedy LiPo 1S 3.8v. 32.0 Wh. 85C Max charge rate: 2C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 152.0 g. Allowed: 151/163 g.	12.07.21
Freemax Technology	Arrowmax # AM 700305		Arrowmax LiPo 1S 3.7v. 30.34 Wh. 130C Max charge rate: 1C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 162.9 g. Allowed: 156/170 g.	12.07.21
Process Measurement & Analysis	Optipower # OPR 80001S130B		Optipower LiPo 1S 3.7v. 29.6 Wh. 130C Max charge rate: 3C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 145.4 g. Allowed: 141/153 g.	12.07.21
Trinity Revtech Epic	Trinity White Carbon #TEP2313		Trinity LiPo 1S 3.7v. 29.6 Wh. 130C Max charge rate: 1C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 163.7 g. Allowed: 155/167 g.	12.07.21
BATTERIES BELOW WERE APPROVED BY BRCA FOR 2020, AND ARE ALLOWED AT ALL 2023 EVENTS.					
Associated Electrics	Reedy Zappers SG3 # 27352		Reedy LiPo 1S 3.8v. 26.0 Wh. 115C Max charge rate: 3C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 155.4 g. Allowed: 151/163 g.	10.01.20
Associated Electrics	Reedy Zappers SG3 # 27351		Reedy LiPo 1S 3.8v. 32.0 Wh. 85C Max charge rate: 3C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 152.6 g. Allowed: 151/163 g.	10.01.20

Intellect Battery	IP # CC1S6600PT1		Intellect LiPo 1S 3.8v. 25.0 Wh. 120C Max charge rate: 3C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 155.8 g. Allowed: 149/161 g.	10.01.20
Intellect Battery	IP # CC1S8200PT1		Intellect LiPo 1S 3.8v. 31.0 Wh. 120C Max charge rate: 3C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 153.9 g. Allowed: 149/161 g.	10.01.20
Hoomark	Zombie # S80001201S		Hoomark LiPo 1S 3.7v. 29.6 Wh. 120C Max charge rate: 3C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 154.9 g. Allowed: 151/163 g.	10.01.20
Modern Creations	T/Silverback Spiral-Z # Z85001201SIN		Modern Creations LiPo 1S 3.7v. 31.5 Wh. 120C Max charge rate: 3C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 152.3 g. Allowed: 150/162 g.	10.01.20
Shenzhen Grepow	GensAce # 120C76001S2P HC58-HV		GensAce LiPo 1S 3.8v. 28.9 Wh. 120C Max charge rate: 1C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 139.2 g. Allowed: 134/146 g.	10.01.20
Shenzhen Grepow	GensAce Redline # 130C80001S2P HC58-HV		GensAce LiPo 1S 3.8v. 30.4 Wh. 130C Max charge rate: 1C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 147.1 g. Allowed: 144/156 g.	10.01.20
Xiamen 3-Circles	Sunpadow Platin # JA0005		3-Circles LiPo 1S 3.7v. 29.6 Wh. 110C Max charge rate: 3C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 154.5 g. Allowed: 148/160 g.	10.01.20
BATTERIES BELOW THIS LEVEL WERE APPROVED BY BRCA JULY 2019, AND ARE ALLOWED AT 2023 EVENTS.					
CML	Centro # C5002		Centro LiPo 1S 3.7v. 30.3 Wh. 100C Max charge rate: 3C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 159.2 g. Allowed: 150/162 g.	02.07.19
Freemax Technology	Arrowmax # AM 700303		Arrowmax LiPo 1S 3.7v. 29.6 Wh. 120C Max charge rate: 1C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 158.4 g. Allowed: 153/165 g.	02.07.19
Associated Electrics	Reedy Zappers SG2 # 27339		Reedy LiPo 1S 3.8v. 26.0 Wh. 110C Max charge rate: 3C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 151.0 g. Allowed: 144/156 g.	16.01.19
Associated Electrics	Reedy Zappers SG2 # 27340		Reedy LiPo 1S 3.8v. 32.0 Wh. 80C Max charge rate: 3C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 151.9 g. Allowed: 144/156 g.	16.01.19
Team Corally	Corally Voltax # 49637		Corally LiPo 1S 3.8v. 25.1 Wh. 120C Max charge rate: 3C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 151.6 g. Allowed: 144/156 g.	16.01.19
Team Corally	Corally Voltax # 49636		Corally LiPo 1S 3.8v. 31.2 Wh. 120C Max charge rate: 3C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 152.1 g. Allowed: 144/156 g.	16.01.19
Intellect Battery	IP # CC1S6600HV4		Intellect LiPo 1S 3.8v. 25.0 Wh. 120C Max charge rate: 3C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 151.9 g. Allowed: 144/156 g.	16.01.19

Intellect Battery	IP # CC1S8200HV4		Intellect LiPo 1S 3.8v. 31.0 Wh. 120C Max charge rate: 3C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 151.6 g. Allowed: 144/156 g.	16.01.19
Modern Creations	T/Silverback Spiral-G # 82001201SIN		Modern Creations LiPo 1S 3.7v. 30.3 Wh. 120C Max charge rate: 3C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 151.7 g. Allowed: 150/162 g.	16.01.19
PK Racing	PK Racing Asuga # PK-200-004		PK Racing LiPo 1S 3.8v. 25.1 Wh. 100C Max charge rate: 3C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 153.9 g. Allowed: 144/156 g.	16.01.19
PK Racing	PK Racing Asuga # PK-200-005		PK Racing LiPo 1S 3.8v. 31.2 Wh. 100C Max charge rate: 3C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 150.9 g. Allowed: 144/156 g.	16.01.19
ProTek RC	ProTek RC # PTK-5125-19		ProTek LiPo 1S 3.8v. 25.8 Wh. 120C Max charge rate: 3C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 152.6 g. Allowed: 144/156 g.	16.01.19
ProTek RC	ProTek RC # PTK-5105-19		ProTek LiPo 1S 3.8v. 30.7 Wh. 120C Max charge rate: 3C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 152.3 g. Allowed: 144/156 g.	16.01.19
R1 Brushless Motor Lab.	R1 # 3008		R1 LiPo 1S 3.7v. 29.6 Wh. 120C Max charge rate: 3C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 159.9 g. Allowed: 154/166 g.	16.01.19
Tianco	ORCA Infinite X # LP18IN1S85S		Tianco LiPo 1S 3.7v. 31.5 Wh. 130C Max charge rate: 1C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 158.4 g. Allowed: 153/165 g.	16.01.19
Xiamen 3-Circles	Sunpadow # 5660045		3-Circles LiPo 1S 3.7v. 22.2 Wh. 120C Max charge rate: 3C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 154.7 g. Allowed: 151/163 g.	16.01.19
Xiamen 3-Circles	Sunpadow # S663067		3-Circles LiPo 1S 3.7v. 23.3 Wh. 130C Max charge rate: 3C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 152.8 g. Allowed: 150/162 g.	16.01.19
Xiamen 3-Circles	Sunpadow # H680042		3-Circles LiPo 1S 3.8v. 30.4 Wh. 100C Max charge rate: 3C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 156.8 g. Allowed: 152/164 g.	16.01.19
Xiamen 3-Circles	Sunpadow # S682068		3-Circles LiPo 1S 3.7v. 30.3 Wh. 100C Max charge rate: 3C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 162.2 g. Allowed: 159/173 g.	16.01.19
Team EAM	EAM # EAM80110-1		EAM LiPo 1S 3.7v. 29.6 Wh. 110C Max charge rate: 3C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 155.1 g. Allowed: 151/163 g.	16.01.19
Roche	Roche # 840003		Roche LiPo 1S 3.8v. 30.4 Wh. 110C Max charge rate: 3C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 153.4 g. Allowed: 150/162 g.	16.01.19

Roche	Roche # 840002		Roche LiPo 1S 3.7v. 29.6 Wh. 110C Max charge rate: 3C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 153.7 g. Allowed: 152/164 g.	16.01.19
BATTERIES BELOW THIS LEVEL WERE APPROVED BY BRCA JULY 2018 AND ARE ALLOWED AT 2023 EVENTS.					
CML	Centro # C5001		Centro LiPo 1S 3.7v. 29.6 Wh. 100C Max charge rate: 3C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 157.8 g. Allowed: 150/162 g.	02.07.18
Associated Electrics	Reedy Zappers SG # 27326		Reedy LiPo 1S 3.8v. 32.0 Wh. 110C Max charge rate: 3C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 149.4 g. Allowed: 144/156 g.	16.01.18
Intellect Battery	IP # CC1S7000HV3		Intellect LiPo 1S 3.8v. 27.0 Wh. 120C Max charge rate: 3C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 149.3 g. Allowed: 144/156 g.	16.01.18
Intellect Battery	IP # CC1S8200HV3		Intellect LiPo 1S 3.8v. 31.0 Wh. 120C Max charge rate: 3C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 148.3 g. Allowed: 144/156 g.	16.01.18
LRP	LRP P4 Stock Spec. # 430270		LRP LiPo 1S 3.7v. 23.0 Wh. 120C Max charge rate: 3C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 153.3 g. Allowed: 144/156 g.	16.01.18
LRP	LRP P4 Ultra LCG # 430268		LRP LiPo 1S 3.7v. 29.6 Wh. 120C Max charge rate: 3C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 157.5 g. Allowed: 152/164 g.	16.01.18
Neidhart SA	Orion Ultimate # ORI 14510		Orion LiPo 1S 3.7v. 26.6 Wh. 120C Max charge rate: 3C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 140.5 g. Allowed: 136/148 g.	16.01.18
Neidhart SA	Orion Ultimate HV # ORI 14500		Orion LiPo 1S 3.8v. 28.9 Wh. 120C Max charge rate: 3C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 143.0 g. Allowed: 137/149 g.	16.01.18
Team Corally	Corally Voltax # 49635		Corally LiPo 1S 3.8v. 30.4 Wh. 120C Max charge rate: 3C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 148.3 g. Allowed: 144/155 g.	16.01.18
Tianco	ORCA HV Gen. 4 # OBH4851S		Tianco LiPo 1S 3.8v. 32.3 Wh. 120C Max charge rate: 3C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 146.6 g. Allowed: 144/156 g.	16.01.18
Italtrading	EZ-Power # EZP8000/1		Ital LiPo 1S 3.8v. 30.4 Wh. 140C Max charge rate: 3C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 145.6 g. Allowed: 144/156 g.	16.01.18
MB Models	Balls Out # BO8000HV		MB Models LiPo 1S 3.8v. 30.4 Wh. 120C Max charge rate: 3C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 150.3 g. Allowed: 148/160 g.	16.01.18
R1 Brushless Motor Lab.	R1 # R182001S120C		R1 LiPo 1S 3.8v. 31.0 Wh. 120C Max charge rate: 3C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 151.5 g. Allowed: 147/159 g.	16.01.18

Torque RC	Zombie # H80001201SS		Hoomark LiPo 1S 3.8v. 30.4 Wh. 120C Max charge rate: 3C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 151.4 g. Allowed: 147/159 g.	16.01.18
BATTERIES BELOW THIS LEVEL WERE APPROVED BY BRCA FOR 2017 AND ARE ALLOWED AT 2023 EVENTS.					
Associated Electrics	Reedy Zappers # 27311		Reedy LiPo 1S 3.8v. 30.4 Wh. 100C Max charge rate: 2C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 151.8 g. Allowed: 149/161 g.	02.07.17
Neidhart SA	Orion # ORI 14069		Orion LiPo 1S 3.8v. 28.5 Wh. 110C Max charge rate: 2C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 132.3 g. Allowed: 128/138 g.	02.07.17
Freemax Metal Products	Arrowmax # AM 700301		Arrowmax LiPo 1S 3.7v. 22.9 Wh. 130C Max charge rate: 1C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 152.4 g. Allowed: 148/160 g.	02.07.17
Freemax Metal Products	Arrowmax # AM 700302		Arrowmax LiPo 1S 3.7v. 29.6 Wh. 110C Max charge rate: 1C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 158.3 g. Allowed: 152/164 g.	02.07.17
Schumacher	Fantom Type R # FAN26187 (Upgrade with 5mm tubes)		Fantom LiPo 1S 3.7v. 28.9 Wh. 100C Max charge rate: 2C 5 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 154.8 g. Allowed: 149/161 g.	02.07.17
Intellect Battery	IP # CC1S8200HV2		Intellect LiPo 1S 3.8v. 31.0 Wh. 120C Max charge rate: 3C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 152.0 g. Allowed: 146/158 g.	05.01.17
Modern Creations	Team Silverback Siren-HV # HV80001001SIN		Modern Creations LiPo 1S 3.8v. 30.4 Wh. 100C Max charge rate: 3C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 148.5 g. Allowed: 142/154 g.	05.01.17
Team Corally	Corally Platinum V+ # 48331		Corally LiPo 1S 3.7v. 25.2 Wh. 100C Max charge rate: 1.4C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 149.1 g. Allowed: 144/156 g.	05.01.17
Team Corally	Corally Platinum V+ # 48333		Corally LiPo 1S 3.7v. 28.9 Wh. 100C Max charge rate: 1.6C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 148.2 g. Allowed: 144/156 g.	05.01.17
Team Corally	Corally Coral-X # 48370		Corally LiPo 1S 3.8v. 28.5 Wh. 100C Max charge rate: 1.5C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 147.2 g. Allowed: 142/154 g.	05.01.17
Tianco	ORCA Gen. 3 # OBH380C1		Tianco LiPo 1S 3.8v. 30.4 Wh. 110C Max charge rate: 3C 4 mm. Tubes	Sample complies with BRCA dimensions. Weights:- Sample: 152.5 g. Allowed: 146/158 g.	05.01.17
BATTERIES BELOW THIS LEVEL WERE APPROVED BY BRCA FOR 2016 AND ARE ALLOWED AT 2023 EVENTS.					
Fantom	Fantom Type R # FAN26187		Fantom LiPo 1S 3.7v. 28.86 Wh. 100C Wt. 149/161 g. 4 mm. Tubes.	Sample complies with BRCA dimensions. Sample Wt. 155.4 g.	01.07.16

Intellect Battery	IP # CC1S8000SV1		Intellect LiPo 1S 3.7v. 30.0 Wh. 100C Wt. 150/162 g. 4 mm. Tubes.	Sample complies with BRCA dimensions. Sample Wt. 154.8 g.	14.01.16
LRP	LRP # 430249		LRP LiPo 1S 3.7v. 30.0 Wh. 110C Wt. 152/164 g. 4 mm. Tubes.	Sample complies with BRCA dimensions. Sample Wt. 158.4 g.	14.01.16
Modern Creations	Team Silverback Spiral R # 60001001SIN		Modern Creations LiPo 1S 3.7v. 22.2 Wh. 100C Wt. 147/159 g. 4 mm. Tubes.	Sample complies with BRCA dimensions. Sample Wt. 152.4 g.	14.01.16
Neidhart SA	Orion # ORI 14086		Orion LiPo 1S 3.7v. 27.4 Wh. 110C Wt. 136/148 g. 4 mm. Tubes.	Sample complies with BRCA dimensions. Sample Wt. 141.2 g.	14.01.16
Nosram	Nosram X-treme Race # 999542		Nosram LiPo 1S 3.7v. 30.0 Wh. 110C Wt. 152/164 g. 4 mm. Tubes.	Sample complies with BRCA dimensions. Sample Wt. 156.3 g.	14.01.16
Revell GmbH	TrakPower # TKPC0705		TrakPower LiPo 1S 3.7v. 21.0 Wh. 100C Wt. 136/148 g. 4 mm. Tubes.	Sample complies with BRCA dimensions. Sample Wt. 142.8 g.	14.01.16
Shenzhen Grepow	GensAce # B50C70001S2P H/Case 11		GensAce LiPo 1S 3.7v. 25.9 Wh. 50C Wt. 139/151 g. 4 mm. Tubes	Sample complies with BRCA dimensions. Sample Wt. 143.6 g.	14.01.16
Yokomo	Racing Performer # RPB-80E		Yokomo LiPo 1S 3.7v. 29.6 Wh. 100C Wt. 149/161 g. 4 mm. Tubes.	Sample complies with BRCA dimensions. Sample Wt. 155.4 g.	14.01.16
Muchmore Racing	Impact # MLI-T8000FD2		Muchmore LiPo 1S 3.7v. 29.6 Wh. 110C Wt. 149/161 g. 4 mm. Tubes.	Sample complies with BRCA dimensions. Sample Wt. 156.4 g.	14.01.16
ProTek RC	ProTek RC # PTK 5105-16		ProTek LiPo 1S 3.7v. 27.4 Wh. 100C Wt. 150/162 g. 4 mm. Tubes	Sample complies with BRCA dimensions. Sample Wt. 155.9 g.	14.01.16
Tianco	ORCA Infinite # OBHG76S1		Tianco LiPo 1S 3.7v. 28.1 Wh. 100C Wt. 150/162 g. 4 mm. Tubes	Sample complies with BRCA dimensions. Sample Wt. 156.5 g.	14.01.16
MB Models	Balls Out # BO GT12		MB Models LiPo 1S 3.7v. 22.2 Wh. 70C Wt. 142/154 g. 4 mm. Tubes	Sample complies with BRCA dimensions. Sample Wt. 147.8 g.	14.01.16
MB Models	Balls Out # BO 8000		MB Models LiPo 1S 3.7v. 29.7 Wh. 70C Wt. 151/163 g. 4 mm. Tubes	Sample complies with BRCA dimensions. Sample Wt. 156.6 g.	14.01.16
Schumacher Racing	CORE-RC # CR279		Core RC LiPo 1S 3.7v. 29.6 Wh. 100C Wt. 144/156 g. 4 mm. Tubes	Sample complies with BRCA dimensions. Sample Wt. 154.8 g.	14.01.16