

APPROVED 1S. Lithium (LiPo) BATTERY LIST. 2010.

Only cells detailed below are approved for BRCA Sanctioned Events in 2010.

Lithium based (LiPo) Batteries detailed below, are approved for various BRCA Electric Classes. Section Rules will detail those applicable.

This list is not 'Frozen', and further cells can be added up to 31.03.10. The list will then be frozen until 01.04.11.

Max. height amended to 18.5mm for 2010 to comply with other International Organisations. Chassis location features are additional.




BRCA rules do not specify capacity or power output limits for batteries. Values below are from Manufacturers data. Packs 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.

It is essential that listed cells are charged using a 1S - LiPo compatible charger. It is advisable to restrict charge rates to 1C.

It is strictly NOT ALLOWED, to charge 1S LiPo Batteries to give an output voltage exceeding 4.20v.

Origin of Supply	Cell Name, Shrink Details	Illustration only	Manufacturer Data.	BRCA measured Specification,	Approval Date
STICK' TYPE LiPo BATTERIES.					
Calandra	CRC Maxxcell # CRC3700		CRC LiPo 1S 3.7v. 5200 mah 50C	Length: 92.98 mm. Width: 46.04 mm. High: 18.50 mm. Wt. 136.6 g	29.03.2010
VTEC	LRP Competition car line. # 79877		LRP LiPo 1S 3.7v. 5400. 50C	Length: 92.72 mm. Width: 46.44 mm. High: 18.14 mm. Wt. 135.4 g Has chassis location.	27.01.2010
ORION	ORION Carbon. # ORI14032		ORION LiPo 1S 3.7v. 4200. 45C	Length: 92.70 mm. Width: 46.63 mm. High: 18.39 mm. Wt. 123.0 g	27.01.2010
Xceed	Xceed Race Pack # 105112		Xceed LiPo 1S 3.7v. 5000 mah. 40C	Length: 92.86 mm. Width: 46.07 mm. High: 18.22 mm. Wt. inc. wire 152.5 g	27.01.2010
Graupner	GM V-MAXX # 98979		GM LiPo 1S 3.7v. 5400 mah. 40C Case Black or C/Fibre	Length: 92.76 mm. Width: 46.01 mm. High: 17.88 mm. Wt. inc. wire 150.2 g	27.01.2010
First Strong	SpeedPower # SLR5041C		SpeedPower LiPo 1S 3.7v. 5500 mah. 45C	Length: 92.93 mm. Width: 46.05 mm. High: 18.20 mm. Wt. inc. wire 151.2 g	27.01.2010
Advanced Energy Inc.	Thunder Power Pro Race # TP5000-1SPR50		Thunder Power LiPo 1S 3.7v. 5000 mah. 50C	Length: 92.17 mm. Width: 46.39 mm. High: 18.25 mm. Wt. inc. wire 150.2 g	27.01.2010
Desire Power	Desire Power V6 # DCP4800 XP40		Desire Power LiPo 1S 3.7v. 4800 mah. 40C	Length: 92.61 mm. Width: 46.80 mm. High: 18.29 mm. Wt. inc. wire 145.7 g Has chassis location	27.01.2010
CS Electronic	CS Factory Professional # C211016		CS LiPo 1S 3.7v. 5300 50C	Length: 92.97 mm. Width: 46.15 mm. High: 18.17 mm. Wt. inc. wire 153.2 g	27.01.2010
		Battery removed from list due to manufacturer not complying with BRCA procedures. 14.04.10.			
VTEC	Nosram X-Treme Race # 99947		Nosram LiPo 1S 3.7v. 5400 50C	Length: 92.73 mm. Width: 46.44 mm. High: 18.14 mm. Wt. 134.8 g Has chassis location	27.01.2010

Moore Speed	Moore-speed # MS-B3701		Moore Speed LiPo 1S 3.7v. 4600 mah. 50C	Length: 92.73 mm. Width: 46.49 mm. High: 18.48 mm. Wt. 123.3 g	27.01.2010
Muchmore	Impact # MLI-T5200D		Impact LiPo 1S 3.7v. 5200 50C	Length: 92.81 mm. Width: 46.07 mm. High: 17.96 mm. Wt. inc. wire 151.2 g	18.01.2010
SMC	SMC C-MAX # 5350SI		SMC LiPo 1S 3.7v. 5300 mah. 50C	Length: 91.73 mm. Width: 45.74 mm. High: 18.00 mm. Wt. 141.0 g	18.01.2010
Not advised	Demon Power Products # DP5040		LiPo 1S 3.7v. 5000 mah. 40C	Length: 93.00 mm. Width: 46.09 mm. High: 18.00 mm. Wt. inc. wire 149.7 g	16.11.2009
Not advised	Arrowind # TWD40-50001S1P		LiPo 1S 3.7v. 5000 mah. 40C	Length: 92.77 mm. Width: 46.05 mm. High: 18.01 mm. Wt. inc. wire 151.4 g	09.11.2009
SMC	SMC C-MAX # 4950SI		SMC LiPo 1S 3.7v. 4900 mah. 50C	Length: 92.15 mm. Width: 45.88 mm. High: 18.40 mm. Wt. 137.6 g	15.10.2009
Associated Electrics	Reedy LiPo # 719		Reedy LiPo 1S 3.7v. 4600 mah. 40C 3.5mm Tubes.	Length: 92.74 mm. Width: 46.90 mm. High: 18.02 mm. Wt. 139.4 g Has location features	12.10.2009
Intellect Battery	IP LiPo RACE PACK # HW1S-5000V4		IP LiPo 1S 3.7v. 5000 mah. 40C	Length: 92.87 mm. Width: 46.22 mm. High: 18.07 mm. Wt. inc. wire 151.6 g	12.10.2009
SMC	SMC C-MAX # 4950S		SMC LiPo 1S 3.7v. 4900 mah. 50C	Length: 91.99 mm. Width: 45.77 mm. High: 18.19 mm. Wt. inc. wire 145.8 g	12.10.2009
Advanced Energy Inc.	Thunder Power Pro Racer # TP5000-1SPR		Thunder Power LiPo 1S 3.7v. 5000 mah. 40C	Length: 92.35 mm. Width: 46.77 mm. High: 18.16 mm. Wt. inc. wire 146.2 g	05.10.2009
SMC	SMC LIGHTNING VOLTS # SUM4025S		SMC LiPo 1S 3.7v. 4000 mah. 25C	Length: 92.0 mm. Width: 46.10 mm. High: 17.97 mm. Wt. inc. wire 120.2 g Has location features.	16.02.2009
SADDLE' TYPE LiPo BATTERIES.					
Speedzone	Speedzone # SZ5200PROS D1S		Speedzone LiPo 1S 3.7v. 5200 mah. 50C	Length: 92.48 mm. Width: 45.88 mm. High: 22.89 mm. Wt. inc. wire 155.1 g	15.02.2010