



APPROVED 2S. 'SADDLE' Lithium (LiPo) BATTERY LIST. 2010.

Only Batteries detailed below are approved for EFRA Sanctioned Events.

EUROPEAN FEDERATION RADIO CONTROLLED AUTOMOBILES.

Lithium based (LiPo) batteries detailed below, are approved for various EFRA Electric Classes. Section Rules will detail Classes applicable. EFRA rules do not limit capacity or power output of batteries. Values below are Manufacturers data. -- Packs factory sealed (glue, weld etc). Availability dates for new EFRA compliant Packs are not known at the date of publishing this list. Manufacturers have confirmed March 2010 latest. 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 batteries on this list are charged using a 2S LiPo compatible charger. It is advisable to restrict charge rates to 1C.

It is strictly NOT ALLOWED, to charge 2S LiPo Batteries to give an output voltage exceeding 8.40v.

Origin of Supply	Cell Name, Shrink Details	Illustration only	Manufacturer Data.	EFRA measured Specification,	Approval Date
VTEC	LRP Competition car line. # 79878		LRP LiPo 2S 7.4v. 5000. 50C	Length: 138.74 mm. Width: 46.29 mm. High: 24.83 mm. Wt. 262.8 g Has chassis location.	17.01.2010
ORION	ORION Carbon. # ORI14014		Orion LiPo 2S 7.4v. 4500. 45C	Length: 138.33 mm. Width: 46.66 mm. High: 24.61 mm. Wt. 274.2 g.	17.01.2010
ORION	ORION Carbon # ORI14015		Orion LiPo 2S 7.4v. 4500 45C	Length: 137.80 mm. Width: 46.58 mm. High: 24.91 mm. Wt. inc. wire 300.8 g	17.01.2010
Graupner	GM V-MAXX # 99001		GM LiPo 2S 7.4v. 5200 mah. 35C 1 off tube 3.5mm. Case Black or C/Fibre.	Length: 137.32 mm. Width: 46.16 mm. High: 22.76 mm. Wt. 258.0 g	17.01.2010
Graupner	GM V-MAXX # 98993		GM LiPo 2S 7.4v. 5200 mah. 45C 4.0mm Tubes. Case Black or C/Fibre.	Length: 137.32 mm. Width: 46.27 mm. High: 24.79 mm. Wt. 276.4 g	17.01.2010
Graupner	GM V-MAXX # 98996		GM LiPo 2S 7.4v. 5200 mah. 45C 1 off Tube 3.5mm. Case Black or C/Fibre.	Length: 137.34 mm. Width: 46.28 mm. High: 24.73 mm. Wt. 277.1 g	17.01.2010
Robitronic Electronic	Robitronic # RO5217		Robitronic LiPo 2S 7.4v. 4500. 50C	Length: 137.99 mm. Width: 46.52 mm. High: 23.60 mm. Wt. 273.8 g	17.01.2010
Robitronic Electronic	Robitronic # RO5218		Robitronic LiPo 2S 7.4v. 5000. 50C	Length: 137.61 mm. Width: 46.28 mm. High: 24.97 mm. Wt. 294.6 g	17.01.2010
Associated Electrics	Reedy # 686		Reedy LiPo 2S 7.4v. 4200 mah. 40C	Length: 137.34 mm. Width: 46.94 mm. High: 23.16 mm. Wt. inc. wire 267.6 g	17.01.2010

Desire Power	Desire Power V6 # DPC5000XP40		Desire Power LiPo 2S 7.4v. 5000 mah. 40C	Length: 138.94 mm. Width: 46.41 mm. High: 24.75 mm. Wt. 268.2 g	17.01.2010
Intellect Battery	IP # TP2S5000V3		IP LiPo 2S 7.4v. 5000 mah. 35C	Length: 137.78 mm. Width: 46.30 mm. High: 22.82 mm. Wt. 258.3 g	17.01.2010
Intellect Battery	IP # TP2S5200V4		IP LiPo 2S 7.4v. 5200 mah. 45C	Length: 137.44 mm. Width: 46.26 mm. High: 24.80 mm. Wt. 276.2 g	17.01.2010
Muchmore	Impact # MLI-IS5000A		Muchmore LiPo 2S 7.4v. 5000 35C	Length: 137.34 mm. Width: 46.20 mm. High: 22.84 mm. Wt. 258.9 g	17.01.2010
Muchmore	Impact # MLI-IS5200B		Muchmore LiPo 2S 7.4v. 5200 45C	Length: 137.40 mm. Width: 46.28 mm. High: 24.82 mm. Wt. 275.8 g	17.01.2010
Yuntong	Yuntong # YT90093		Yuntong LiPo 2S 7.4v. 4500 mah. 50C	Length: 137.58 mm. Width: 44.78 mm. High: 23.42 mm. Wt. 273.9 g	17.01.2010
Yuntong	Yuntong # YT90109		Yuntong LiPo 2S 7.4v. 5000 mah. 50C	Length: 137.71 mm. Width: 46.34 mm. High: 24.98 mm. Wt. 295.9 g	17.01.2010
Bionic Batteries	Bionic # BCS40-4500-SAD		Bionic LiPo 2S 7.4v. 4500 mah. 40C	Length: 138.62 mm. Width: 46.66 mm. High: 24.58 mm. Wt. 272.0 g	17.01.2010
CS Electronics	CS-Factory Professional # C211013		CS LiPo 2S 7.4v. 5200 50C	Length: 137.69 mm. Width: 46.27 mm. High: 24.98 mm. Wt. 299.0 g	17.01.2010
VTEC	Nosram X-Treme Race # 99948		Nosram LiPo 2S 7.4v. 5000 50C	Length: 138.96 mm. Width: 46.42 mm. High: 24.85 mm. Wt. 263.4 g Has chassis location	17.01.2010
Moore Speed	Moore-speed # MS-B7405		Moore-speed LiPo 2S 7.4v. 4600 mah. 50C	Length: 138.04 mm. Width: 46.49 mm. High: 24.65 mm. Wt. 273.9 g	17.01.2010
Moore Speed	Moore-speed # MS-B7406		Moore-speed LiPo 2S 7.4v. 4600 mah. 50C	Length: 137.78 mm. Width: 46.49 mm. High: 24.67 mm. Wt. inc. wire 298.7 g	17.01.2010

Vampire Racing	Vampire # VR-1012		Vampire LiPo 2S 7.4v. 4400 mah. 40C	Length: 136.96 mm. Width: 46.06 mm. High: 22.79 mm. Wt. 231.4 g	17.01.2010
Vapex	VP # VP654358SH 30C-3P		Vapex LiPo 2S 7.4v. 4500 mah. 30C	Length: 137.09 mm. Width: 46.27 mm. High: 23.70 mm. Wt. 235.9 g	17.01.2010
BATTERIES BELOW THIS LEVEL WERE APPROVED BY EFRA FOR 2009 AND ARE ALLOWED AT 2010 EVENTS.					
VTEC	LRP Competition car line. # 79866		LRP LiPo 2S 7.4v. 4800. 40C Saddle Pack	Length: 138.73 mm. Width: 46.09 mm. High: 23.48 mm. Wt. 249.3 g Has chassis location.	16.02.2009
GM Racing	GM V-MAXX # 98994		GM LiPo 2S2P 7.4v. 4200 mah. 30C Saddle Pack	Length: 137.13 mm. Width: 46.14 mm. High: 22.74 mm. Wt. 230.6 g	16.02.2009
GM Racing	GM V-MAXX # 98988		GM LiPo 2S3P 7.4v. 4200 mah. 35C Saddle Pack	Length: 137.08 mm. Width: 46.43 mm. High: 23.36 mm. Wt. inc. wire 279.4 g	16.02.2009
Hyperion HK	Swift #HPSW304200		Swift LiPo 2S 7.4v. 4200 mah. 30C Saddle Pack	Length: 137.15 mm. Width: 46.12 mm. High: 22.80 mm. Wt. 231.5 g	16.02.2009
Robitronic Electronic	Robitronic # RO5213		Robitronic LiPo 2S2P 7.4v. 4600 35C Saddle Pack	Length: 137.60 mm. Width: 44.81 mm. High: 23.30 mm. Wt. 283.0 g	16.02.2009
Robitronic Electronic	Robitronic # RO5214		Robitronic LiPo 2S2P 7.4v. 5000 25C Saddle Pack	Length: 137.31 mm. Width: 44.83 mm. High: 23.37 mm. Wt. 276.0 g	16.02.2009
Speedpower	Speedpower #SLR423HS		Speedpower LiPo 2S 7.4v. 4200 mah. 30C Saddle Pack	Length: 137.09 mm. Width: 46.14 mm. High: 23.03 mm. Wt. inc. wire 232.2 g	16.02.2009
TrakPower	TrakPower # TP32002SSP		TrakPower LiPo 2S 7.4v. 3200 mah. 20C Also EFRA label. 2009 Revised version	Length: 137.52 mm. Width: 46.87 mm. High: 21.24 mm. Wt. 188.0 g	16.02.2009
Associated Electrics	Reedy # 712		Reedy LiPo 2S 7.4v. 4200 mah. 35C Saddle Pack	Length: 137.62 mm. Width: 46.74 mm. High: 23.22 mm. Wt. inc. wire 283.5 g	16.02.2009

Corally	Corally # 48243		Corally LiPo 2S 7.4v. 4200 mah. 35C Saddle Pack	Length: 137.10 mm. Width: 46.52 mm. High: 23.35 mm. Wt. inc. wire 277.5 g	16.02.2009
Intellect Battery	IP # TP2S4200V1		Intellect LiPo 2S 7.4v. 4200 mah. 30C Saddle Pack	Length: 137.07 mm. Width: 46.08 mm. High: 22.81 mm. Wt. 230.5 g	16.02.2009
Vampire Racing	Vampire # VR-1007		Vampire LiPo 2S 7.4v. 4400 mah. 30C Saddle Pack	Length: 137.07 mm. Width: 46.13 mm. High: 22.81 mm. Wt. 231.2 g	16.02.2009
Yuntong	Yuntong # YT90071		Yuntong LiPo 2S 7.4v. 4600 mah. 35C Saddle Pack	Length: 137.55 mm. Width: 45.00 mm. High: 23.34 mm. Wt. 282.2 g	16.02.2009

Paul Worsley. (EFRA Battery Homologation Officer) Updated 17.01.10. (Four Pages).