



# APPROVED 2S. 'SADDLE' Lithium (LiPo) BATTERY LIST. ARCHIVE v6

ARCHIVE List showing years :- 2009 -- 2011.

Only Batteries detailed below and any current 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.

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 lifespan, but should not be more than stated below (for 2017 on).**















**Batteries MUST be charged using a 2S LiPo compatible charger. LiPo 'Sack' must be used when charging or discharging prior to race.**















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


Submitted by:	Label Details Part #	Illustration only	Manufacturer Supplied Data.	EFRA measured Specification,	Approval Date
<b>BATTERIES ON THIS LIST WERE APPROVED BY EFRA IN YEARS 2009 - 2011 AND ARE ALLOWED AT 2020 EVENTS.</b>					
Associated Electrics	Reedy # 627		Reedy LiPo 2S 7.4v. 5200 mah. 60C Wt. 286/310 g.	Length: 137.92 mm. Width: 46.66 mm. High: 25.08 mm. Wt. 298.5 g.	02.01.11
Bionic Batteries	Bionic # BCS40-4800-SAD		Bionic LiPo 2S 7.4v. 4800 mah. 40C Wt. 280/304 g.	Length: 137.50 mm. Width: 46.47 mm. High: 23.64 mm. Wt. 291.4 g.	02.01.11
Bionic Batteries	Bionic # BCS50-5000-SAD		Bionic LiPo 2S 7.4v. 5000 mah. 50C Wt. 288/312 g.	Length: 137.50 mm. Width: 46.37 mm. High: 24.92 mm. Wt. 301.2 g.	02.01.11
CS-Electronic	CS Professional # C211019		CS LiPo 2S 7.4v. 19.2 Wh x 2 50C Wt. 264/286 g	Length: 137.21 mm. Width: 46.48 mm. High: 24.75 mm. Wt. 268.9 g	02.01.11
Graupner	GM V-MAXX # 99009		GM LiPo 2S 7.4v. 5600 mah. 60C. Wt. 274/296 g.	Length: 137.43 mm. Width: 46.07 mm. High: 24.68 mm. Wt. 280.5 g.	02.01.11
Intellect Battery	IP # TP2S5400V6		Intellect LiPo 2S 7.4v. 5400 mah. 60C Wt. 274/296 g	Length: 137.98 mm. Width: 46.24 mm. High: 24.98 mm. Wt. 283.5 g	02.01.11
Robitronic Electronic	Robitronic # RO5242		Robitronic LiPo 2S 7.4v. 5200 ?? 60C Wt. 284/308 g	Length: 137.46 mm. Width: 46.40 mm. High: 24.71 mm. Wt. 294.8 g	02.01.11
Superior Matching Concept	SMC C-Max # 5260SP		SMC LiPo 2S 7.4v. 5200 mah. 60C Wt. 260/282 g.	Length: 138.74 mm. Width: 46.42 mm. High: 24.36 mm. Wt. 273.4 g.	02.01.11
Team ORION	ORION Carbon Pro # ORI14048		Orion LiPo 2S 7.4v. 40.7 Wh. 90C Wt. 266/288 g.	Length: 138.10 mm. Width: 46.57 mm. High: 23.73 mm. Wt. 278.0 g.	02.01.11
Team ORION	ORION Carbon Pro # ORI14049		Orion LiPo 2S 7.4v. 40.7 Wh. 90C Wt. w/wire 297/321 g	Length: 138.51 mm. Width: 46.84 mm. High: 24.52 mm. Wt. w/wire 310.0 g.	02.01.11

nVision	nVision # NV1102		nVision LiPo 2S 7.4v. 5500 mah. 90C Wt. 266/288 g.	Length: 138.01 mm. Width: 46.66 mm. High: 23.94 mm. Wt. 281.0 g.	02.01.11
Tianco	ORCA Infinite # OB5235IS		Tianco LiPo 2S 7.4v. 5200 mah. 45C Wt. 274/296 g.	Length: 137.41 mm. Width: 46.22 mm. High: 24.95 mm. Wt. 277.3 g.	02.01.11
Vampire Racing	Vampire # VR-1017		Vampire LiPo 2S 7.4v. 5400 mah. 60C Wt. 274/296 g.	Length: 137.28 mm. Width: 46.15 mm. High: 24.93 mm. Wt. 280.6 g.	02.01.11
Vapex Tech.	VP # VP93671		Vapex LiPo 2S 7.4v. 5400 mah. 50C Wt. 268/290 g.	Length: 137.84 mm. Width: 46.27 mm. High: 24.92 mm. Wt. 268.3 g.	02.01.11
RC Plus	Python Plus # RC-PPC40-4800-SAD		RC Plus LiPo 2S 7.4v. 4800 mah. 40C Wt. 280/304 g.	Length: 137.69 mm. Width: 46.48 mm. High: 23.80 mm. Wt. 289.2 g.	02.01.11
RC Plus	Python Plus # RC-PPC50-5000-SAD		RC Plus LiPo 2S 7.4v. 5000 mah. 50C Wt. 288/312 g.	Length: 137.69 mm. Width: 46.25 mm. High: 24.83 mm. Wt. 300.6 g.	02.01.11
Xcelorin	Xcelorin # LOSB9878		SMC LiPo 2S 7.4v. 5200 mah. 60C Wt. 265/287 g.	Length: 138.14 mm. Width: 46.18 mm. High: 24.59 mm. Wt. 272.4 g.	02.01.11
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.	17.01.10
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.	17.01.10
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	17.01.10
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	17.01.10
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	17.01.10
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	17.01.10
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	17.01.10



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	17.01.10
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	17.01.10
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	17.01.10
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	17.01.10
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	17.01.10
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	17.01.10
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	17.01.10
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	17.01.10
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	17.01.10
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	17.01.10
CS-Electronic	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	17.01.10
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	17.01.10
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	17.01.10
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	17.01.10

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	17.01.10
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	17.01.10
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.	16.02.09
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	16.02.09
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	16.02.09
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	16.02.09
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	16.02.09
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	16.02.09
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	16.02.09
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	16.02.09
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	16.02.09
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	16.02.09
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	16.02.09
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	16.02.09

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	16.02.09
---------	----------------------	--	--	--	----------

Paul Worsley, (EFRA Battery Homologation Officer). Updated - 10.01.20. (Five Pages).