



## APPROVED 2S. 'STICK' Lithium (LiPo) BATTERY LIST. 2012.

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 2012 latest. Battery packs must be able to be disconnected within the Car quickly without the use of tools. Direct soldering is not allowed. Batteries approved in 2011 & 2012 must comply with the weight range specified under manufacturers data.

**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. LiPo 'Sack' must be used when charging .**

Origin of Supply	Cell Name, Shrink Details	Illustration only	Manufacturer Data.	EFRA measured Specification,	Approval Date
<b>BATTERIES BELOW THIS LEVEL ARE APPROVED BY EFRA FOR 2012 AND ARE ALLOWED AT 2012 EVENTS FROM 01.04.12.</b>					
Advanced Energy	Thunder Power RC # TP5300-2SPR65B		Thunder Power LiPo 2S 7.4v. 39.2 Wh. 65C Wt. 286/310 g.	Length: 139.00 mm. Width: 46.75 mm. High: 23.18 mm. Wt. 299.3 g.	02.01.12.
Advanced Energy	Thunder Power RC # TP5300-2SPR65D		Thunder Power LiPo 2S 7.4v. 39.2 Wh. 65C Wt. w/wire 297/321 g.	Length: 138.20 mm. Width: 46.45 mm. High: 23.14 mm. Wt. w/wire 299.3 g.	02.01.12
Advanced Energy	Thunder Power RC # TP6000-2SPR65B		Thunder Power LiPo 2S 7.4v. 44.4 Wh. 65C Wt. 305/330 g.	Length: 138.79 mm. Width: 46.62 mm. High: 24.66 mm. Wt. 315.9 g.	02.01.12
Advanced Energy	Thunder Power RC # TP3800-2SPR65S		Thunder Power LiPo 2S 7.4v. 28.1 Wh. 65C Wt. 203/220 g.	Length: 95.18 mm. Width: 46.91 mm. High: 24.93 mm. Wt. 203.6 g.	02.01.12
Associated Electrics	Reedy # 601		Reedy LiPo 2S 7.4v. 48.0 Wh. 65C Wt. 301/326 g.	Length: 138.38 mm. Width: 46.39 mm. High: 24.87 mm. Wt. 308.7 g	02.01.12
Associated Electrics	Reedy # 306		Reedy LiPo 2S 7.4v. 30.0 Wh. 60C Wt. 197/213 g.	Length: 92.77 mm. Width: 46.40 mm. High: 24.39 mm. Wt. 203.1 g	02.01.12
CS-Electronic	CS Professional # C211024		CS LiPo 2S 7.4v. 53.3 Wh 75C Wt. 286/310 g.	Length: 138.45 mm. Width: 46.83 mm. High: 24.66 mm. Wt. 304.5 g.	02.01.12
Graupner	GM V-MAXX # 99017		GM LiPo 2S 7.4v. 50.3 Wh. 70C Wt. 303/327 g. 1 off Tube 3.5mm.	Length: 137.20 mm. Width: 46.27 mm. High: 24.83 mm. Wt. 317.1 g.	02.01.12
Graupner	GM V-MAXX # 99018		GM LiPo 2S 7.4v. 50.3 Wh. 70C. Wt. 303/327 g.	Length: 137.17 mm. Width: 46.23 mm. High: 24.82 mm. Wt. 316.2 g.	02.01.12

Hacker Motor	Hacker Top Fuel # 75500277		Hacker LiPo 2S 7.4v. 40.7 Wh. 90C. Wt. 282/306 g.	Length: 138.61 mm. Width: 46.66 mm. High: 24.69 mm. Wt. 295.2 g.	02.01.12
Hacker Motor	Hacker Top Fuel # 76500277		Hacker LiPo 2S 7.4v. 48.1 Wh. 90C. Wt. 296/320 g.	Length: 138.16 mm. Width: 46.44 mm. High: 24.67 mm. Wt. 301.3 g.	02.01.12
Intellect Battery	IP # CC2S6800V7		Intellect LiPo 2S 7.4v. 50.0 Wh. 70C Wt. 303/327 g.	Length: 137.26 mm. Width: 46.38 mm. High: 24.80 mm. Wt. 317.0 g.	02.01.12
Intellect Battery	IP # BG2S4400V5		Intellect LiPo 2S 7.4v. 33.0 Wh. 50C Wt. 211/229 g.	Length: 95.77 mm. Width: 46.55 mm. High: 24.71 mm. Wt. 218.4 g.	02.01.12
VTEC	VTEC # 79835		LRP LiPo 2S 7.4v. 40.0 Wh. 30C Wt. 259/281 g.	Length: 138.23 mm. Width: 46.47 mm. High: 24.90 mm. Wt. 266.1 g. Has chassis location.	02.01.12
VTEC	VTEC Big Mama. # 79841		LRP LiPo 2S 7.4v. 49.6 Wh. 55C Wt. 310/336 g.	Length: 138.21 mm. Width: 46.35 mm. High: 24.91 mm. Wt. 323.0 g. Has chassis location.	02.01.12
VTEC	VTEC # 79840		LRP LiPo 2S 7.4v. 51.1 Wh. 50C Wt. 305/330 g.	Length: 138.10 mm. Width: 46.57 mm. High: 25.06 mm. Wt. 315.8 g. Has chassis location.	02.01.12
VTEC	VTEC # 79845		LRP LiPo 2S 7.4v. 32.6 Wh. 55C Wt. 213/230 g.	Length: 96.02 mm. Width: 46.61 mm. High: 24.74 mm. Wt. 217.6 g.	02.01.12
Team ORION	ORION Carbon Pro WTS # ORI 14053		Orion LiPo 2S 7.4v. 29.6 Wh. 90C Wt. 203/219 g.	Length: 138.41 mm. Width: 46.06 mm. High: 24.61 mm. Wt. 203.7 g.	02.01.12
VTEC	Nosram X-treme Race # 99926		Nosram LiPo 2S 7.4v. 40.0 Wh. 30C Wt. 256/277 g.	Length: 138.20 mm. Width: 46.40 mm. High: 24.94 mm. Wt. 266.5 g. Has chassis location.	02.01.12
VTEC	Nosram X-treme Race Big Mama # 99938		Nosram LiPo 2S 7.4v. 49.6 Wh. 55C Wt. 310/336 g.	Length: 138.29 mm. Width: 46.44 mm. High: 25.00 mm. Wt. 323.3 g. Has chassis location.	02.01.12
VTEC	Nosram X-treme Race # 99937		Nosram LiPo 2S 7.4v. 51.1 Wh. 50C Wt. 302/327 g.	Length: 138.07 mm. Width: 46.29 mm. High: 25.05 mm. Wt. 313.5 g. Has chassis location.	02.01.12



VTEC	Nosram X-treme Race # 99942		Nosram LiPo 2S 7.4v. 32.6 Wh. 55C Wt. 210/227 g.	Length: 95.99 mm. Width: 46.66 mm. High: 24.80 mm. Wt. 218.6 g.	02.01.12
RFI Battery	RFI # 7353		RFI LiPo 2S 7.4v. 43.66 Wh. 60C Wt. 302/326 g.	Length: 137.83 mm. Width: 45.97 mm. High: 24.79 mm. Wt. 314.3 g.	02.01.12
RFI Battery	RFI # 7352		RFI LiPo 2S 7.4v. 44.4 Wh. 50C Wt. 304/328 g.	Length: 137.73 mm. Width: 46.02 mm. High: 24.84 mm. Wt. 309.2 g.	02.01.12
RFI Battery	RFI # 7347		RFI LiPo 2S 7.4v. 48.1 Wh. 20C Wt. 294/318 g.	Length: 137.68 mm. Width: 45.92 mm. High: 24.75 mm. Wt. 310.9 g.	02.01.12
Robitronic Electronic	Robitronic # RO5245		Robitronic LiPo 2S 7.4v. 44.4 Wh. 70C Wt. 305/330 g.	Length: 138.21 mm. Width: 45.96 mm. High: 24.65 mm. Wt. 317.4 g.	02.01.12
Shenzhen Acepow Electronics	Gens ace # ACE40-5000-0201B		Acepow LiPo 2S 7.4v. 37.0 Wh. 40C Wt. 271/293 g.	Length: 138.74 mm. Width: 46.88 mm. High: 24.54 mm. Wt. 282.6 g.	02.01.12
Shenzhen Acepow Electronics	Gens ace # ACE50-5000-0201B		Acepow LiPo 2S 7.4v. 37.0 Wh. 50C Wt. 282/305 g.	Length: 138.68 mm. Width: 46.69 mm. High: 24.83 mm. Wt. 294.9 g.	02.01.12
Shenzhen Acepow Electronics	Gens ace # ACE50-6500-0201B		Acepow LiPo 2S 7.4v. 48.1 Wh. 50C Wt. 283/306 g.	Length: 138.62 mm. Width: 46.84 mm. High: 24.55 mm. Wt. 295.5 g.	02.01.12
Vampire Racing	Vampire # VR-1018		Vampire LiPo 2S 7.4v. 50.0 Wh. 70C Wt. 302/327 g.	Length: 137.19 mm. Width: 46.35 mm. High: 24.86 mm. Wt. 315.3 g.	02.01.12
Vampire Racing	Vampire # VR-1019		Vampire LiPo 2S 7.4v. 33.0 Wh. 50C Wt. 212/228 g.	Length: 95.85 mm. Width: 46.52 mm. High: 24.68 mm. Wt. 217.5 g.	02.01.12
Vapex Technology	VP Racing # VP94111		Vapex LiPo 2S 7.4v. 29.5 Wh. 40C Wt. w/wire 206/223 g.	Length: 136.36 mm. Width: 46.24 mm. High: 24.34 mm. Wt. w/wire 214.1 g.	02.01.12
Vapex Technology	VP Racing # VP94500		Vapex LiPo 2S 7.4v. 37.0 Wh. 50C Wt. 260/281 g.	Length: 138.05 mm. Width: 46.41 mm. High: 24.65 mm. Wt. 269.9 g.	02.01.12

Vapex Technology	VP # VP94272		Vapex LiPo 2S 7.4v. 45.0 Wh. 65C Wt. 293/317 g.	Length: 138.43 mm. Width: 46.49 mm. High: 24.57 mm. Wt. 305.3 g.	02.01.12
Vapex Technology	VP # VP94241		Vapex LiPo 2S 7.4v. 48.0 Wh. 50C Wt. 303/328 g.	Length: 138.42 mm. Width: 46.17 mm. High: 24.82 mm. Wt. 315.2 g.	02.01.12
Acorn Innovations	Acorn Mad Series # 1111657		Acorn LiPo 2S 7.4v. 48.1 Wh. 80C Wt. 293/317 g.	Length: 138.90 mm. Width: 46.75 mm. High: 24.89 mm. Wt. 305.3 g.	02.01.12
Advanced Electronics	Advanced Elec. # ADV3111		Advanced LiPo 2S 7.4v. 45.0 Wh. 60C Wt. 293/317 g.	Length: 137.28 mm. Width: 46.40 mm. High: 24.98 mm. Wt. 307.1 g.	02.01.12
Corally RC BV	Corally # 48253		Corally LiPo 2S 7.4v. 45.88 Wh. 55C Wt. 301/326 g.	Length: 138.45 mm. Width: 46.75 mm. High: 24.66 mm. Wt. 313.5 g.	02.01.12
Framega	TORKE # 657074		Framega LiPo 2S 7.4v. 48.1 Wh. 70C Wt. 303/328 g.	Length: 137.25 mm. Width: 46.44 mm. High: 24.81 mm. Wt. 315.0 g.	02.01.12
Fullymax	Fullymax # FB6500XT-2S2P-C-JC		Fullymax LiPo 2S 7.4v. 48.1 Wh. 25C Wt. 306/331 g.	Length: 138.61 mm. Width: 46.69 mm. High: 24.75 mm. Wt. 323.5 g.	02.01.12
Italtrading	EZ-Power # EZP6200/2		Ital LiPo 2S 7.4v. 45.8 Wh. 60C Wt. 303/328 g.	Length: 137.25 mm. Width: 46.44 mm. High: 24.81 mm. Wt. 315.0 g.	02.01.12
Muchmore Racing	Muchmore Impact # MLI-IH6800Z		Muchmore LiPo 2S 7.4v. 50.3 Wh. 70C Wt. 303/328 g.	Length: 137.16 mm. Width: 46.59 mm. High: 24.84 mm. Wt. 316.4 g.	02.01.12
Muchmore Racing	Muchmore Boomerang # BMR-FH6800		Muchmore LiPo 2S 7.4v. 50.3 Wh. 70C Wt. 303/328 g.	Length: 137.22 mm. Width: 46.28 mm. High: 24.78 mm. Wt. 315.5 g.	02.01.12
Netkom SRL	Lipotech XR # BA928		Lipotech LiPo 2S 7.4v. 40.0 Wh. 70C Wt. 296/320 g.	Length: 138.39 mm. Width: 46.43 mm. High: 24.96 mm. Wt. 311.4 g.	02.01.12
Tianco	ORCA Infinite # OB6880IH		Tianco LiPo 2S 7.4v. 48.4 Wh. 70C Wt. 303/328 g.	Length: 137.53 mm. Width: 45.75 mm. High: 24.85 mm. Wt. 316.2 g.	02.01.12

**BATTERIES BELOW THIS LEVEL WERE APPROVED BY EFRA FOR 2011 AND ARE ALLOWED AT ALL 2012 EVENTS.**