



# APPROVED 1S. 'STICK' Lithium (LiPo) BATTERY LIST. ARCHIVE. v3

ARCHIVE List showing years :- 2010 -- 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 do not limit battery power output, but energy capacity has to comply with Airline Requirements, 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.	EFRA measured Specification,	Approval Date
<b>BATTERIES BELOW THIS LEVEL WERE APPROVED BY EFRA FOR 2011 AND ARE ALLOWED AT ALL 2017 EVENTS.</b>					
Advanced Energy	Thunder Power RC # TP5400-1SPR65B		Thunder Power LiPo 1S 3.7v. 5400 mah. 65C Wt. 141/153 g.	Length: 92.95 mm. Width: 46.92 mm. High: 18.44 mm. Wt. 147.3 g.	02.01.11
Advanced Energy	Thunder Power RC # TP5400-1SPR65D		Thunder Power LiPo 1S 3.7v. 5400 mah. 65C Wt. w/wire 150/162 g.	Length: 92.86 mm. Width: 46.83 mm. High: 18.27 mm. Wt. w/wire 152.4 g.	02.01.11
Associated Electrics	Reedy # 629		Reedy LiPo 1S 3.7v. 5500 mah. 60C Wt. 150/162 g.	Length: 92.70 mm. Width: 46.50 mm. High: 18.29 mm. Wt. 155.9 g.	02.01.11
Graupner	GM V-MAXX # 99005		GM LiPo 1S 3.7v. 5800 mah. 60C. Wt. 144/156 g.	Length: 92.80 mm. Width: 46.26 mm. High: 18.17 mm. Wt. 146.8 g.	02.01.11
Intellect Battery	IP # CC1S6000V6		Intellect LiPo 1S 3.7v. 6000 mah. 60C Wt. 144/156 g.	Length: 92.75 mm. Width: 46.36 mm. High: 18.38 mm. Wt. 147.8 g.	02.01.11
VTEC	VTEC Competition Car Line # 79887		LRP LiPo 1S 3.7v. 21.5 Wh. 65C Wt. 144/156 g.	Length: 92.30 mm. Width: 46.23 mm. High: 18.24 mm. Wt. 147.4 g. Has chassis location.	02.01.11
Modern Creations	Team Silverback Sapphire # 5800601SIN		Team Silverback LiPo 1S 3.7v. 5800 mah. 60C Wt. 139/151 g.	Length: 92.79 mm. Width: 46.34 mm. High: 18.14 mm. Wt. 147.5 g.	02.01.11
VTEC	Nosram X-treme Race # 99952		Nosram LiPo 1S 3.7v. 21.5 Wh. 65C Wt. 144/156 g.	Length: 92.28 mm. Width: 46.23 mm. High: 18.29 mm. Wt. 147.4 g. Has chassis location.	02.01.11
Robitronic Electronic	Robitronic # RO5243		Robitronic LiPo 1S 3.7v. 5500 ?? 60C Wt. 149/161 g.	Length: 92.95 mm. Width: 46.39 mm. High: 18.39 mm. Wt. 153.5 g.	02.01.11

Superior Matching Concept	SMC C-Max # 5660SI		SMC LiPo 1S 3.7v. 5600 mah. 60C Wt. 140/152 g.	Length: 92.85 mm. Width: 46.56 mm. High: 18.36 mm. Wt. 144.8 g.	02.01.11
Superior Matching Concept	SMC Sport Max # 6028SI		SMC LiPo 1S 3.7v. 6000 mah. 28C Wt. 138/150 g.	Length: 92.84 mm. Width: 46.60 mm. High: 18.31 mm. Wt. 145.5 g.	02.01.11
Team ORION	ORION Carbon Pro # ORI14039		Orion LiPo 1S 3.7v. 23.7 Wh. 90C Wt. 138/150 g.	Length: 92.87 mm. Width: 46.34 mm. High: 18.25 mm. Wt. 144.8 g.	02.01.11
nVision	nVision # NV1101		nVision LiPo 1S 3.7v. 6400 mah. 90C Wt. 138/150 g.	Length: 92.78 mm. Width: 46.25 mm. High: 18.41 mm. Wt. 147.5 g.	02.01.11
Tianco	ORCA Infinite # OB6161IS		Tianco LiPo 1S 3.7v. 6000 mah. 60C Wt. 144/156 g.	Length: 92.81 mm. Width: 46.23 mm. High: 18.50 mm. Wt. 147.8 g.	02.01.11
Vampire Racing	Vampire # VR-1014		Vampire LiPo 1S 3.7v. 5700 mah. 50C Wt. 141/153 g.	Length: 92.71 mm. Width: 46.23 mm. High: 18.40 mm. Wt. 141.6 g.	02.01.11
Calandra Racing Concepts	CRC Maxxcell # CRC 3702		CRC LiPo 1S 3.7v. 6300 mah. 50C Wt. 144/156 g.	Length: 92.74 mm. Width: 45.97 mm. High: 18.23 mm. Wt. 149.2 g.	02.01.11
<b>BATTERIES BELOW THIS LEVEL WERE APPROVED BY EFRA FOR 2010 AND ARE ALLOWED AT ALL 2017 EVENTS.</b>					
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.	17.01.10
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	17.01.10
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	17.01.10
SMC	SMC C-MAX # 5350SI		SMC LiPo 1S 3.7v. 5300 mah. 50C	Length: 91.73 mm. Width: 45.74 mm. High: 18.39 mm. Wt. 141.0 g	17.01.10
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	17.01.10
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	17.01.10

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	17.01.10
Associated Electrics	Reedy # 719		Reedy LiPo 1S 3.7v. 4600 mah 40C 3.5mm Tubes	Length: 92.84 mm. Width: 46.84 mm. High: 17.98 mm. Wt. 139.8 g Has chassis location	17.01.10
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	17.01.10
Intellect Battery	IP Race Pack # HW1S5000V4		IP LiPo 1S 3.7v. 5000 mah. 40C	Length: 92.86 mm. Width: 46.21 mm. High: 18.13 mm. Wt. inc. wire 152.3 g	17.01.10
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	17.01.10
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	17.01.10
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	17.01.10
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	17.01.10

Paul Worsley, (EFRA Battery Homologation Officer). Updated - 05.01.17. (Three Pages).