









## APPROVED 2S. 'STICK' Lithium (LiFe) BATTERY LIST. 2013.

Only Batteries detailed below are approved for EFRA Sanctioned Events.

### EUROPEAN FEDERATION RADIO CONTROLLED AUTOMOBILES.

Lithium based (LiFe) 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 2013 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 from 2011 onwards must comply with the weight range specified under manufacturers data.

**It is essential that batteries on this list are charged using a 2S LiFe compatible charger.** It is advisable to restrict charge rates to 1C. **It is strictly NOT ALLOWED, to charge 2S LiFe Batteries to give an output voltage exceeding 7.40v. 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 2013 AND ARE ALLOWED AT 2013 EVENTS FROM 01.04.13.</b>					
Graupner	GM V-MAXX. # 99080		GM LiFe 2S 6.6v. 33.0 Wh. 40C Wt. 278/302 g.	Complies with EFRA. specified dimensions.  Wt. 290.3 g.	02.01.13
<b>BATTERIES BELOW THIS LEVEL WERE APPROVED BY EFRA FOR 2010 AND ARE ALLOWED AT ALL 2013 EVENTS.</b>					
ORION	ORION Carbon. # ORI15012		Orion LiFe 2S 6.6v. 3800. 60C	Length: 138.51 mm. Width: 46.49 mm. High: 24.75 mm. Wt. inc. wire 286.8 g.	17.01.2010
Graupner	GM V-MAXX. # 98973		GM LiFe 2S 6.6v. 4000. 35C 1 off tube 3.5mm. Case Black or C/Fibre.	Length: 137.10 mm. Width: 46.31 mm. High: 24.95 mm. Wt. 281.0 g.	17.01.2010
Associated Electrics	Reedy # 723		Reedy LiFe 2S 6.6v. 4000 mah. 30C	Length: 136.89 mm. Width: 44.81 mm. High: 23.25 mm. Wt. 268.0 g.	17.01.2010
Intellect Battery	IP EV Technology # FR2S4000V3		Intellect LiFe 2S 6.6v. 4000 mah. 35C	Length: 137.11 mm. Width: 46.31 mm. High: 24.83 mm. Wt. 280.6 g.	17.01.2010
Moore-Speed	Moore-Speed. # MS-B6601		Moore-Speed LiFe 2S 6.6v. 4000 mah. 70C	Length: 138.50 mm. Width: 46.38 mm. High: 24.78 mm. Wt. inc. wire 260.1 g	17.01.2010
Paul Worsley. (EFRA Battery Homologation Officer) 02.01.13. (One Page).					