



APPROVED 1S. 'STICK' Lithium (LiPo) BATTERY LIST. ARCHIVE. v1.

ARCHIVE List showing year :- 2010.








Only Batteries detailed below and any current lists 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). 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 1S LiPo compatible charger. It is advisable to restrict charge rates to 1C.

It is strictly NOT ALLOWED, to charge 1S LiPo Batteries to give an output voltage exceeding 4.20v. LiPo 'Sack' must be used when charging.

| Origin of Supply | Cell Name, Shrink Details | Illustration only | Manufacturer Data. | EFRA measured Specification, | Approval Date |
|--|---|---|---|---|---------------|
| BATTERIES BELOW THIS LEVEL WERE APPROVED BY EFRA FOR 2010 AND ARE ALLOWED AT ALL 2015 EVENTS. | | | | | |
| 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 |

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| 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 - 08.01.15. (Two Pages).