



APPROVED 1S. 'STICK' Lithium (LiPo) BATTERY LIST. ARCHIVE. V5

ARCHIVE List showing years :- 2010 -- 2013.

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 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 |
|--|---------------------------------------|-------------------|--|--|---------------|
| BATTERIES ON THIS LIST WERE APPROVED BY EFRA IN YEARS 2010 - 2013 AND ARE ALLOWED AT ALL 2019 EVENTS. | | | | | |
| Advanced Energy | Thunder Power RC # TP6800-1SAE65 | | Thunder Power LiPo 1S 3.7v. 25.2 Wh. 65C Wt. 143/155 g. | Complies with EFRA. specified dimensions. Wt. 149.3 g. | 02.01.13 |
| Associated Electrics | Reedy # 603 | | Reedy LiPo 1S 3.7v. 25.0 Wh. 65C Wt. 142/154 g. | Complies with EFRA. specified dimensions. Wt. 147.5 g. | 02.01.13 |
| Intellect Battery | IP # CC1S6600V8 | | Intellect LiPo 1S 3.7v. 24.0 Wh. 80C Wt. 142/154 g. | Complies with EFRA. specified dimensions. Wt. 148.1 g. | 02.01.13 |
| VTEC | VTEC # 430202 | | LRP LiPo 1S 3.7v. 25.5 Wh. 50C Wt. 144/156 g. | Complies with EFRA. specified dimensions. Wt. 150.5 g. | 02.01.13 |
| Modern Creations | Team Silverback Venus # 7000751SIN | | Team Silverback LiPo 1S 3.7v. 25.9 Wh. 75C Wt. 146/158 g. | Complies with EFRA. specified dimensions. Wt. 152.3 g. | 02.01.13 |
| VTEC | Nosram X-treme Race # 999502 | | Nosram LiPo 1S 3.7v. 25.5 Wh. 50C Wt. 144/156 g. | Complies with EFRA. specified dimensions. Wt. 151.4 g. | 02.01.13 |
| Tianco | ORCA Infinite # OB6581S4 | | Tianco LiPo 1S 3.7v. 24.0 Wh. 80C Wt. 142/154 g. | Complies with EFRA. specified dimensions. Wt. 146.9 g. | 02.01.13 |
| Vapex Technology | VP Racing # VP95095 | | Vapex LiPo 1S 3.7v. 25.0 Wh. 65C Wt. 146/158 g. | Complies with EFRA. specified dimensions. Wt. 152.5 g. | 02.01.13 |
| Advanced Energy | Thunder Power RC # TP5400-1SPR65 | | Thunder Power LiPo 1S 3.7v. 20.0 Wh. 65C Wt. 141/153 g. | Length: 92.76 mm. Width: 46.69 mm. High: 18.36 mm. Wt. 146.4 g. | 02.01.12 |
| Advanced Energy | Thunder Power RC # TP6200-1SAE65 | | Thunder Power LiPo 1S 3.7v. 23.0 Wh. 65C Wt. 144/156 g. | Length: 92.91 mm. Width: 46.77 mm. High: 18.40 mm. Wt. 146.0 g. | 02.01.12 |

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| Associated Electrics | Reedy # 600 |  | Reedy LiPo 1S 3.7v. 24.0 Wh. 65C Wt. 150/162 g. | Length: 92.64 mm. Width: 46.53 mm. High: 18.26 mm. Wt. 154.0 g. | 02.01.12 |
| Graupner | GM V-MAXX # 99016 |  | GM LiPo 1S 3.7v. 23.7 Wh. 70C Wt. 144/156 g. | Length: 92.83 mm. Width: 46.29 mm. High: 18.16 mm. Wt. 147.3 g. | 02.01.12 |
| Intellect Battery | IP # CC1S6400V7 |  | Intellect LiPo 1S 3.7v. 24.0 Wh. 70C Wt. 144/156 g. | Length: 92.84 mm. Width: 46.50 mm. High: 18.19 mm. Wt. 148.5 g. | 02.01.12 |
| VTEC | VTEC # 79843 |  | LRP LiPo 1S 3.7v. 23.3 Wh. 55C Wt. 145/157 g. | Length: 92.42 mm. Width: 46.39 mm. High: 17.99 mm. Wt. 149.0 g. Has chassis location. | 02.01.12 |
| VTEC | VTEC # 79842 |  | LRP LiPo 1S 3.7v. 25.2 Wh. 50C Wt. 150/162 g. | Length: 92.46 mm. Width: 46.27 mm. High: 18.45 mm. Wt. 153.6 g. Has chassis location. | 02.01.12 |
| VTEC | Nosram X-treme Race # 99940 |  | Nosram LiPo 1S 3.7v. 23.3 Wh. 55C Wt. 144/156 g. | Length: 92.56 mm. Width: 46.40 mm. High: 18.08 mm. Wt. 149.1 g. Has chassis location. | 02.01.12 |
| VTEC | Nosram X-treme Race # 99939 |  | Nosram LiPo 1S 3.7v. 25.2 Wh. 50C Wt. 152/164 g. | Length: 92.66 mm. Width: 46.37 mm. High: 18.45 mm. Wt. 154.4 g. Has chassis location. | 02.01.12 |
| RFI Battery | RFI # 7346 |  | RFI LiPo 1S 3.7v. 21.46 Wh. 60C Wt. 141/153 g. | Length: 92.63 mm. Width: 46.41 mm. High: 18.22 mm. Wt. 153.0 g. | 02.01.12 |
| RFI Battery | RFI # 7344 |  | RFI LiPo 1S 3.7v. 22.2 Wh. 45C Wt. 140/152 g. | Length: 92.59 mm. Width: 46.44 mm. High: 18.17 mm. Wt. 150.1 g. | 02.01.12 |
| RFI Battery | RFI # 7340 |  | RFI LiPo 1S 3.7v. 22.94 Wh. 30C Wt. 142/154 g. | Length: 92.44 mm. Width: 46.42 mm. High: 18.19 mm. Wt. 151.5 g. | 02.01.12 |
| Vapex Technology | VP Racing # VP94319 |  | Vapex LiPo 1S 3.7v. 20.5 Wh. 65C Wt. 145/157 g. | Length: 92.46 mm. Width: 46.41 mm. High: 18.34 mm. Wt. 151.0 g. | 02.01.12 |
| Fullymax | Fullymax # FB5600XT-1S2P-C-JC |  | Fullymax LiPo 1S 3.7v. 20.72 Wh. 55C Wt. 146/158 g. 3.5mm Tubes | Length: 92.78 mm. Width: 46.91 mm. High: 18.36 mm. Wt. 151.4 g. | 02.01.12 |
| Tianco | ORCA Infinite # OB6560IS |  | Tianco LiPo 1S 3.7v. 24.0 Wh. 70C Wt. 144/156 g. | Length: 92.87 mm. Width: 46.36 mm. High: 18.31 mm. Wt. 147.9 g. | 02.01.12 |
| 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 |

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| 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 |

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| 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 |
| 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 |

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| 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 - 16.01.19. (Five Pages). | | | | | |