

Rule Amendment Batteries for electric section

October 16 2010

Rule Amendment: Batteries

All batteries for competition use at sanctioned electric AARCMCC events as of October 16, 2010 will be required to comply with the following battery specifications and to be listed on the ROAR and BRCA battery lists. All batteries will have a maximum capacity of 6000 mAh.

Batteries will not exceed the following dimensions

2s 7.4v brick/stick case:

Length: 139mm

Width: 47mm

Height: 25.1mm

1s 3.7v saddle case:

Length: 93mm to be measured as two packs end to end as a maximum

Width: 46mm

Height: 23mm

2s 7.4v saddle case:

Length: 139mm to be measured as two packs end to end as a maximum

Width: 47mm

Height: 25.1mm

1s 3.7v brick/stick case:

Length: 93mm

Width: 47mm

Height: 18.5mm

Li-Poly battery maximum charged voltage.

1s Li-Poly batteries may be charged to a maximum of 4.20v.

2s Li-Poly batteries may be charged to a maximum of 8.40v.

2S LiFe batteries may be charged to a maximum of 7.40v.

There will be no allowances for overages.

Li-Poly battery maximum charge rate shall be 1C. C= charge amp rate.

Charge amp rate = mAh capacity/1000=XAmps.