

Castle Creations

Brushless Car Package Offerings

Performance Comparison of Different Packages

The higher the Kv, the faster the motor/car will run, the more amps it will draw, and lower runtimes. Speed can also be adjusted with gearing as well. The speeds quoted come from stock spur, and the stock pinion, so faster or slower speeds are easily attainable with a gearing change.

Sport Package: 4200 Kv

Stock Gearing on Mini-T

3 cell Lipo = 32mph

2 cell lip or 8 cells = 25mph

6 cells = 17mph

The best choice of the serious racer. Very flexible via gearing for 2 or 3 cell Lipo packs for track use. Very long runtimes for bashing/practicing on both racing, and insane speed runs with a 3cell Lipo pack. Troy has a video of 6 cell packs - not particularly fast on 6 cells, but a TON of torque, and lots of fun. 3 cell Lipo runs are still MUCH faster than any brushed motor option out there, and longer runtimes as well, due to the increased efficiency.

Competition Package: 6800 Kv

Stock gearing Mini-T

3 cell Lipo = 50mph

2 cell Lipo, or 8 cells = 40mph

6 cells = 27mph

Most likely, the best 6 cell all-purpose racing setup. Good runtimes and speed. A little hot for racing w/more than 6 cells, but still VERY capable of ridiculous bashing speed runs on 8 cells, or 3s Lipos.

Performance Package: 5400 Kv

Stock gearing Mini-T

3 cell Lipo = 40mph

2 cell Lipo or 8 cells = 33mph

6 cells = 20mph

A very good 6 cell or 7 cell racing set-up with long runtimes, and also the best racing set-up for running 2 cell lips. The most versatile of all the combos for this motor running on his site: www.b-p-p.com that most have seen already.

Competition X Package: 8000 Kv

With the stock gearing and a 3cell lip pack, one of our Mini-T's has been confirmed at over 60mph.

With a 2 cell lip pack, or 8 cells = 48mph

6 cells = 32mph

Basically, this motor is almost unusable for actual racing, unless you've got a really big oval track, or will ONLY use 6 cells or less! Also - drive train parts at these speeds most likely will have a reduced lifespan - stock up on diff sets!