

VA Models Extra 330SC

Here is a power system recommendation for your consideration. This is a robust pattern level of power with unlimited vertical performance, but not going too crazy at a 3D level of power. I have the performance information on a 10" prop as requested but I also wanted to show the added power difference should you decide to try an 11" prop in the future. That's sort of like an upgrade to add quite a bit more power for the cost of a prop. Take a look at this and let us know if you think this fits the bill or if you had something a bit different in mind.

In the recommended setup you mentioned a 10x4.5 MR prop which is an odd choice for that airplane. That would give you lots of thrust but a very low pitch speed that is not very appropriate for that type of model, unless you wanted a more 3D powered airplane for that type of flying. This is why my prop selection has a steeper pitch at 10x8 for a better blend of speed and thrust instead.

Aircraft: Twisted Hobbies Extra 330

Flying Weight: 25oz (1.56lbs)

Prop Length: 10-11"

Voltage: 3S LiPo

Desired Performance: Pattern, not 3D

Power Needed: Up to 150 watts/lb with a 1.2:1 Thrust Ratio

Calculated Power Needed: 234 watts, 30oz Thrust

BadAss 2315-880kv, 3S LiPo, APC 10x8E Prop

18A, 198 watts, 54mph Pitch Speed, 32oz Thrust

127 watts/lb, 1.28:1 Thrust Ratio

BadAss 2315-880kv, 3S LiPo, APC 11x8E Prop

20A, 225watts, 51mph Pitch Speed, 37oz Thrust

144 watts/lb, 1.48:1 Thrust Ratio

Motor – <https://rcdude.com/badass-2315-880kv-brushless-motor.html>

Prop Chart - <https://rcdude.com/pub/propcharts/BA2315-880-Specs.htm>

Recommended ESC BadAss Rebel V2 30A or higher - <https://rcdude.com/badass-rebel-v2-series-brushless-esc-30a.html>

BadAss 3S Lipos (1300-1800mah) - <https://rcdude.com/products/batteries/badass-lipo-batteries/3s-lipos.html>

APC E Props - <https://rcdude.com/products/propellers/apc-propellers/thin-e-series-props.html>

BadAss Wood Props - <https://rcdude.com/products/propellers/badass-wood-props.html>