

## Comparison of 10s, 12s, and 16s Power Systems with our matched “Saddle Cells”

<b>EVF ~3~ 10s 9er</b> <b>4100 watts from 10 cells</b> “9er” Blade system optional	<b>EVF ~3~ 12s 9er</b> <b>5400 watts from 12 cells</b> with “9er” Blade system	<b>EVF ~3~ 16s 9er</b> <b>8150 watts from 16 cells</b> with “9er” Blade system
10s = 10 Lipo cells in series	12s = 12 Lipo cells in series	16s = 16 Lipo cells in series
Peak voltage = 42 volts	Peak voltage = 50.4 volts	Peak voltage = 67 volts
Under load = 38.5 volts	Under load = 46.2 volts	Under load = 61.6 volts
Use (2) 5s 2p 6600mAh	Use (3) 4s 2p 6600mAh or (3) 4s 2p 7700mAh	Use (4) 4s 2p 7700mAh
The 10s system (2) Saddle Cells can be charged simultaneously on a single 10s charger such as the Cellpro 10XP.	The 12s system is powered by (3) 4s 2p 6600 or 7700mAh. It is best to use the Cellpro PowerLab 6.	The 16s system is powered by (4) 7700mAh plus
Utilizes Edge Lite HV 160 E.S.C.	Utilizes Edge Lite HV 160 E.S.C.	Proprietary E.S.C.
Flight time for a 10s system average flight profile is 5 to 6 minutes	Average flight profile is 6 to 7 minutes	Average flight profile is 7 to 8 minutes
6600 mAh 10s batteries weigh 3.5 lbs.	7700 mAh 12s batteries weigh 5.5 lbs.	7700 mAh 16s batteries weigh 6.4 lbs.
Static Thrust = 16.4 #	Static Thrust = 20 #	Static Thrust = 24+ #
Price \$1,595.00	Price \$1,595.00	Price \$2,295.00

Note: Battery power consumption is a factor of total flight time, percentage of time at high power, weight of the model, aerodynamic drag of the model, inlet efficiency, ambient temperature, density altitude, and battery condition.

**Warranty: 2 years for parts and labor**

See [BVMJets.com/Electric Power](http://BVMJets.com/Electric Power) for details.