

Comparison of 10s, 12s, and 14s Power Systems with our matched “Saddle Cells”

EVF ~3~ 10s 9er 4100 watts from 10 cells “9er” Blade system optional	EVF ~3~ 12s 9er 5100 watts from 12 cells with “9er” Blade system	EVF ~3~ 14s 9er 5800 watts from 14 cells with “9er” Blade system
10s = 10 Lipo cells in series	12s = 12 Lipo cells in series	14s = 14 Lipo cells in series
Peak voltage = 42 volts	Peak voltage = 50.4 volts	Peak voltage = 58.8 volts
Under load = 38.5 volts	Under load = 46.2 volts	Under load = 52.8 volts
Use (2) 5s 2p 6600mAh	Use (3) 4s 2p 6600mAh or (3) 4s 2p 7700mAh	Use (3) 4s 2p 7700mAh and (1) 2s 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 14s system is powered by (3) 4s 7700mAh and (1) 2s 7700mAh
Utilizes Edge Lite HV 160 E.S.C.	Utilizes Edge Lite HV 160 E.S.C.	YGE
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 14s batteries weigh 5.6 lbs.
Static Thrust = 16.4 #	Static Thrust = 18 #	Static Thrust = 20 #

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: 1 year for parts and labor

See BVMJets.com/Electric Power for details.