

The Comparison of ZTW A and B Series Brushless ESC for Airplane and Helicopter

Main Program	A-Series	B-Series	Note
Brake	<i>Brake OFF /ON</i>	<i>Brake OFF /ON</i> (Soft/Mid/ Hard)	
Battery Type	NiCad/ <i>Lipo</i>	NiCd/Nimh / <i>Lipo</i> /LiFe	
Cut Off Voltage Threshold	<i>2.8V/50%/3.0V/60%/3.2V/65%</i>	<i>2.8V/50%/3.0V/60%/3.2V/65%</i> / No Protection	
Restore Factory Setup Defaults	Restore	Restore	
Motor Timing	<i>Automatic(7-30°) /Low(7-22°) /High(22-30°)</i>	<i>2° /8° /15° /22° /30°</i>	The correct timing value can make the motors run smoothly.
Soft Acceleration Start Up	<i>Very Soft /Soft/Start ACC</i>	<i>10%/15%/20%/25%/30%/35%/40%/45%/50%</i>	
SBEC Voltage Output	<i>5.5V/4A non-adjustable</i>	<i>5.0V/5.5V/6.0V (adjustable)/ 5A continuous</i>	The BEC output from B-ZTW45A SBEC to B-ZTW155A SBEC is up to continuous 5A, wich could supply the Servo with much stronger power.
Motor Rotation	<i>Normal /Reverse</i>	<i>Forward /Reverse</i>	
Governor Mode	<i>RPM Off /Heli first Range/Heli Second Range</i>	<i>Rpm off /1st Soft Start/2nd Soft Start/3rd Soft Start/Governor Mode</i>	If the Governor Mode is activated, the ESC could keep the motor speed when the load is changed.
Low Voltage Cut Off Type	<i>Reduce Power /Hard Cut Off</i>	<i>Reduce Power / Cut Off power</i>	

Remark: 1.The value with the italic is Factory Default.

2.The value marked by Red color is added as the new function which could be also programmed.