

1. The motors are brushless type. They require a specific electronic speed controller (ESC) to control its operation. Please do not use the one you used for a brushed motor.
2. Connecting the motor to the ESC: Connect the 3 wires from motor to the ESC. There is no specific match of the 3-wires. If the propeller does not turn in the correct rotation direction, reverse or switch any two wires between the ESC and motor.
3. Use only the recommended number of battery cells and propeller size. Over-size propeller and battery cells will deteriorate its performance or even damage the motor.
4. These are strong efficient motors. To maximize the life of your motor keep the amp draw under control. The cooler you keep any motor the longer life it will have. Also check the sight often as some of the Amp ratings will be going up.

Other considerations: Always check system polarity. Do not use CA on a motor, it will strip the clear shield and short the motor. Limit static tests as there is no air flow over the motor during static use. When flipping shafts, removing bells, etc.. Use a press motion not a taping or hammering motion.

2826-14 1250KV 2-3 Cell Lipo 1250KV ~ 18 Amps ~ 180 Watts

Motor Data for 2826-14 1250KV Outrunner (Stats by us at 4,907' above sea level)

Prop Type	Prop Diameter	Prop Pitch	Voltage	Thrust Oz.	Thrust Grams	RPM	Amps	Watts	Pitch Speed
2-cell Data									
APC SF	9	3.8	7.7	14.7	416.7	7320	8.4	64.7	26
APC SF	9	6	7.5	14.8	419.6	6120	12.3	92.3	35
GWS HD	10	6	7.5	16.7	473.4	6630	10.3	77.3	38
GWS HD	11	7	7.1	19	538.7	5550	12.1	85.9	37
3-cell Data									
	No	Load	12.5		0.0		0.8		
GWS HD	8	4	11.8	21.2	601.0	12030	9.9	116.8	46
APC SF	7	6	11.8	16.3	462.1	11370	11.7	138.1	65
APC E	7	5	11.8	16.1	456.4	11890	10.3	121.5	56
APC SF	8	3.8	11.6	24	680.4	10620	13.3	154.3	38
GWS HD	9	5	11.5	27.9	791.0	9840	15.3	176.0	47
APC SF	9	3.8	11.4	27.2	771.1	9540	15.4	175.6	34
APC SF	9	6	10.3	22.1	626.5	7260	18.4	189.5	41
APC SF	10	3.8	10.4	27.4	776.8	7440	18.1	188.2	27
Xoar	10	5	10.6	26	737.1	8610	14.6	154.8	41
GWS HD	10	6	10.5	26.2	742.8	8280	16.2	170.1	47

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Factory suggests 2-3 cell lipos on 10x7 props.

