

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.

830KV ~ 22 Amps ~ 220 Watts Max Weight: 2.4oz (68g) Diameter: 27.7mm Shaft: 3.17mm

Motor Data for 2835-10 830KV Direct Drive Stats (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
-	No	Load	12.23	-	-	-	1.0	-	-
APC E	8	4	11.9	13.5	382.7	8880	5.1	60.7	34
APC SF	8	3.8	11.8	15.5	439.4	8580	6.2	73.2	31
APC SF	8	6	11.6	18	510.3	7860	9.1	105.6	45
APC SF	9	3.8	11.7	20.3	575.5	8160	7.6	88.9	29
APC SF	9	6	11.4	23.4	663.4	7260	11.4	130.0	41
GWS HD	9	5	11.7	19.9	564.2	8320	7.1	83.1	39
GWS HD	10	6	11.4	23.7	671.9	7710	9.8	111.7	44
APC E	9	6	11.4	20.5	581.2	7790	8.7	99.2	44
Xoar	10	5	11.5	21.7	615.2	7740	8.7	100.1	37
APC SF	10	3.8	11.1	26.3	745.6	7260	10.9	121.0	26
APC E	10	7	11.1	22.8	646.4	6990	11.3	125.4	46
APC E	10	10	10.8	17.4	493.3	6180	15.4	166.3	59
APC SF	10	7	10.9	27.8	788.1	6420	14.1	153.7	43
GWS HD	11	7	10.9	30	850.5	6750	12.4	135.2	45
APC E	11	5.5	11	27	765.5	6950	11.4	125.4	36
APC SF	11	4.7	10.8	31.5	893.0	6420	13.9	150.1	29
APC E	11	8	11.2	27.1	768.3	6360	15.3	171.4	48
APC SF	12	3.8	11.1	35.3	1000.8	6090	16.4	182.0	22

Copyright www.milehighrc.com all rights reserved

