

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.

## 3536-6 1270KV 2-4 Cell Lipo 1270KV ~ 38 Amps / 48 Amps Peak ~ 350 Watts constant / 450 Watt Bursts

Weight: 3.3oz (95g) Diameter: 35mm Shaft: 4mm

### Motor Data for 3536-6 1270KV (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
-	-	-	11.6	-	-	-	2.4	-	-
-	-	-	8.2	-	-	-	1.6	-	-
APC E	7	6	11.4	26	737.1	14100	22.4	255.4	80
APC SF	8	3.8	11.2	41	1162.4	13200	26.9	301.3	48
APC E	8	4	11.4	36	1020.6	14520	23.1	263.3	55
APC SF	8	6	10.7	40	1134.0	16500	39.8	425.9	94
APC E	9	6	10.6	46.4	1315.4	11760	35	371.0	67
APC E	10	5	10.6	50.5	1431.7	11670	35.4	375.2	55
Xoar	10	5	10.6	49	1389.2	11640	34.2	362.5	55
APC E	11	5.5	10.2	-	-	-	42	428.4	-
2-Cell Data									
APC E	11	5.5	7.2	34	963.9	7830	24.5	176.4	41
APC SF	11	4.7	7	39	1105.7	7020	30	210.0	31
APC E	12	6	6.9	41.4	1173.7	6990	32	220.8	40
Xoar	12	8	6.8	39.2	1111.3	6390	34.3	233.2	48
Xoar	13	6.5	6.7	45.2	1281.4	6270	36.7	245.9	39
Xoar	13	7	6.7	44.1	1250.2	6200	36.9	247.2	41

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**Factory Info: 1270KV - IO 1.8 - 7-15 NiCd/Mh 2-4 Cell Lipo - Suggested prop 11x7**

