



# T-S

## 540 V3

### V3 PRO

BRUSHLESS MOTOR

COMPETITION  
LEVEL

540 V3 SENSORED MOTOR  
BREAKTHROUGH



#### The product structure :

Product	Item Number	Size	Kv (RPM/Volt)	Watts	lipo (S)	Max Amps	Rotor Poles	IO (7.4V)	Resistance	Turns	Rotor	Weight (g)	Shaft (mm)	TYPE
540V3-3.5T	SP-054000-46	540	9250	600	1S	130A	2	8.5A	0.0026	3.5	Ø12.5xØ5	160	Ø3.175	MODIFIED
540V3-4.0T	SP-054000-47	540	8500	530	1-2S	115A	2	7.2	0.0034	4	Ø12.5xØ5	160	Ø3.175	MODIFIED
540V3-4.5T	SP-054000-46	540	7800	490	1-2S	108A	2	6.5A	0.0042	4.5	Ø12.5xØ5	160	Ø3.175	MODIFIED
540V3-5.0T	SP-054000-47	540	7200	450	1-2S	104A	2	6.2A	0.0056	5	Ø12.5xØ5	160	Ø3.175	MODIFIED
540V3-5.5T	SP-054000-46	540	6650	430	1-2S	100A	2	5.5A	0.0061	5.5	Ø12.5xØ5	160	Ø3.175	MODIFIED
540V3-6.0T	SP-054000-47	540	6200	410	1-2S	96A	2	4.2A	0.0075	6	Ø12.5xØ5	160	Ø3.175	MODIFIED
540V3-6.5T		540	5520	390	1-2S	94A	2	3.9A	0.0087	6.5	Ø12.5xØ5	160	Ø3.175	MODIFIED
540V3-7.5T		540	4850	360	1-2S	86A	2	3.2A	0.0104	7.5	Ø12.5xØ5	160	Ø3.175	MODIFIED
540V3-8.5T	SP-054000-46	540	4250	340	1-3S	80A	2	2.8A	0.0138	8.5	Ø12.5xØ5	160	Ø3.175	MODIFIED
540V3-9.5T		540	3800	290	1-3S	70A	2	2.5A	0.0165	9.5	Ø12.5xØ5	160	Ø3.175	MODIFIED
540V3-10.5T		540	3800	250	1-3S	63A	2	1.8A	0.0198	10.5	Ø12.5xØ7.2	160	Ø3.175	SPEC
540V3-13.5T		540	3200	190	1-3S	49A	2	1.6A	0.0231	13.5	Ø12.5xØ7.2	160	Ø3.175	SPEC
540V3-17.5T	SP-054000-45	540	2300	130	1-3S	34A	2	1.1A	0.0374	17.5	Ø12.5xØ7.2	160	Ø3.175	SPEC
540V3-21.5T		540	1850	100	1-3S	28A	2	0.9A	0.0595	21.5	Ø12.5xØ7.2	160	Ø3.175	SPEC
540V3-25.5T	SP-054000-48	540	1650	80	1-3S	24A	2	0.8A	0.1015	25.5	Ø12.5xØ7.2	160	Ø3.175	SPEC

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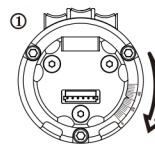


#### Features:

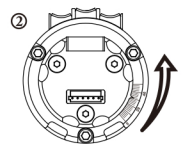
- CNC Machined Billet T6 Aluminum Heatsink Can
- High Purity Copper Windings Maximizes Conductivity
- High Power Solder Tabs
- Removable/Replaceable Rotor
- Powerful Sintered Neodymium Magnet
- Precision Engineered for Maximum Energy Conversion
- Adjustable Timing
- Compatible with any Sensored/ Sensorless ESC
- Dual sensor port
- IFMAR, ROAR Compliance

#### Adjust Timing:

- First of all loosen the three screws on the back of the motor.
- Turn the timing sensor cover and adjust the position.
- Tighten the three screws well.



- ① Reduced the timing, motor RPM and torque reduce. Power consumption gets reduce.



- ② Increase the timing, motor RPM and torque increase. Power consumption increases.

- Increase the timing, motor temperature is getting higher, battery shorten its running time.
- Adjust motor timing consultation with experts necessarily.
- Timing adjustment requires fine-tuning, please adjust timing very carefully.
- ▲ If your sensor cover screw tighten loosely, due to vibration or some shock, your motor or ESC can get damage. Please sensor cover screw lock tightly.

#### 540 V3 Product size

