

**SURPASS
HOBBY**

2019 PRODUCT CATALOG

★★★★★



**SURPASS
HOBBY** | **ROCKET**

Shenzhen Surpass Tech co., Ltd

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Shenzhen Surpass Tech co., Ltd

www.surpass-hobby.com

COMPANY INFORMATION

Shenzhen Surpass Tech Co., Ltd. which is a high-tech company specialize in electronic products development, manufacturing and sales. At present, we are committed to researching and developing, manufacturing brushless motors and brushless speed controller.

Surpass models has brought together a group of motor aspects of enterprise management, quality management, production management, and technology to develop professional talents; Through strict management, good faith service, the company won a number of long-term and stable customers; our products conform to the requirements of the EU environmental standards (ROHS) and exported to Europe, America, Japan, southeast Asia, Hong Kong, Taiwan and other countries and regions.



深圳市超越旺科技5周年誌庆

SURPASS
HOBBY

Rocket



By several years's efforts, we have won high admiration and are widely trusted of home and abroad.



540/550
4POLES BRUSHLESS MOTOR

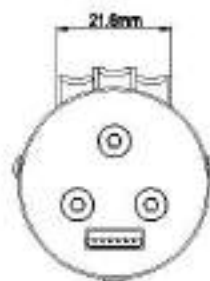
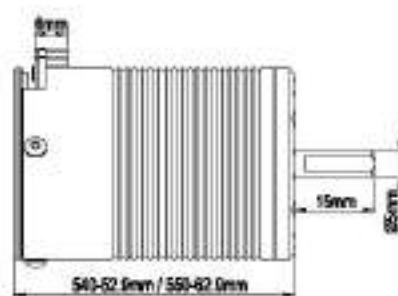


- 4 Pole 12 Slot Hi-torque Motor Design
- CNC Machined 6061 T6 Billet Aluminum Heatsink Can
- High Purity Copper Windings Maximizes Efficiency
- High RPM ABEC5 Oversized Bearings
- Universal fit, fits all 1/10th, 1/8th brushless cars- multi-mounting system for M3 or M4 screws
- Precision balanced rotor, smoothness for best reliability and maximum RPM
- Stator - SuperThin (0.2mm) Laminations
- Removable/Replaceable Rotor
- Precision Engineered for Maximum Energy Conversion
- Meets ROAR & IFMAR & BRCA & EFRA specifications



Product	Item Number	Kv (RPM/Volt)	Watts	lipo (S)	Max Amps	Motor Poles	IO	Resistance	Max RPM	Motor size (mm)	Weight (g)	Shaft (mm)	Length of extend shaft
540/4T	SP-055000-04	4600	900	25	108A	4	2.7A	0.0075	50000	Ø36x52.9	180	Ø5	15mm
540/4.5T		4000	900	25	100A	4	2.0A	0.0081	50000	Ø36x52.9	180	Ø5	15mm
540/5T		3300	900	35	69A	4	1.8A	0.0125	50000	Ø36x52.9	180	Ø5	15mm
540/5.5T		2400	900	45	53A	4	1.6A	0.0183	50000	Ø36x52.9	180	Ø5	15mm
540/6T		1900	900	45	45A	4	1.4A	0.0256	50000	Ø36x52.9	180	Ø5	15mm
550/2.5T	SP-055000-05	4300	1400	25	150A	4	4.5A	0.0046	50000	Ø36x62.9	235	Ø5	15mm
550/3T		3500	1400	25	135A	4	4.0A	0.0062	50000	Ø36x62.9	235	Ø5	15mm
550/3.5T		3000	1400	35	108A	4	3.5A	0.0075	50000	Ø36x62.9	235	Ø5	15mm
550/4.5T		2500	1400	35	95A	4	2.8A	0.0125	50000	Ø36x62.9	235	Ø5	15mm
550/5T		1800	1400	45	80A	4	2.5A	0.0168	50000	Ø36x62.9	235	Ø5	15mm

540/550



CRAWLER 540
4POLES BRUSHLESS MOTOR
For crawler car

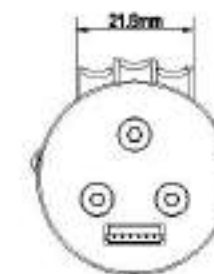
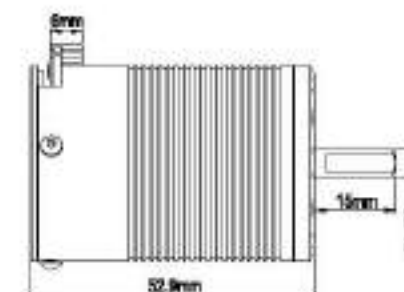


- 4 Pole 12 Slot Hi-torque Motor Design
- CNC Machined 6061 T6 Billet Aluminum Heatsink Can
- High Purity Copper Windings Maximizes Efficiency
- High RPM ABEC5 Oversized Bearings
- Universal fit, fits all 1/10th brushless crawler cars-multi-mounting system for M3 or M4 screws
- Precision balanced rotor, smoothness for best reliability and maximum RPM
- Stator - Super Thin (0.2mm) Laminations
- Removable/Replaceable Rotor
- Precision Engineered for Maximum Energy Conversion
- Meets ROAR & IFMAR & BRCA & EFRA specifications



Product	Item Number	Kv (RPM/Volt)	Watts	Iipo (S)	Rated Poles	IO	Resistance	Max RPM	Motor size (mm)	Weight (g)	Shaft (mm)	Length of extend shaft
540	SP-055000-06	1200	900	45	4	0.9A	0.133	50000	Ø36x52.9	180	Ø3.175	15mm
540		1800	900	45	4	1.2A	0.055	50000	Ø36x52.9	180	Ø3.175	15mm
540		2300	900	45	4	1.5A	0.037	50000	Ø36x52.9	180	Ø3.175	15mm

540



540 V2 COMPETITION BRUSHLESS MOTOR



- 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
- ROAR & BRCA & EFRA approved, Meets IFMAR specifications



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
540V2-3.5T	SP-054000-02	540	9100	600	1S	130A	2	9.1A	0.0026	3.5	Ø12.3xØ5	175	Ø3.175	MODIFIED
540V2-4.0T	SP-054000-03	540	8350	530	1-2S	115A	2	7.5	0.0034	4	Ø12.3xØ5	175	Ø3.175	MODIFIED
540V2-4.5T	SP-054000-02	540	7620	490	1-2S	108A	2	6.9A	0.0042	4.5	Ø12.3xØ5	175	Ø3.175	MODIFIED
540V2-5.0T	SP-054000-03	540	7100	450	1-2S	104A	2	6.4A	0.0056	5	Ø12.3xØ5	175	Ø3.175	MODIFIED
540V2-5.5T	SP-054000-04	540	6450	430	1-2S	100A	2	5.8A	0.0061	5.5	Ø12.5xØ5	178	Ø3.175	MODIFIED
540V2-6.0T	SP-054000-03	540	6000	410	1-2S	96A	2	4.5A	0.0075	6	Ø12.5xØ5	178	Ø3.175	MODIFIED
540V2-6.5T		540	5350	390	1-2S	94A	2	4.1A	0.0087	6.5	Ø12.5xØ5	178	Ø3.175	MODIFIED
540V2-7.5T		540	4700	360	1-2S	86A	2	3.5A	0.0104	7.5	Ø12.5xØ5	178	Ø3.175	MODIFIED
540V2-8.5T	SP-054000-04	540	4100	340	1-3S	80A	2	3.2A	0.0138	8.5	Ø12.5xØ5	178	Ø3.175	MODIFIED
540V2-9.5T		540	3700	290	1-3S	70A	2	2.7A	0.0165	9.5	Ø12.5xØ5	178	Ø3.175	MODIFIED
540V2-10.5T		540	3450	250	1-3S	63A	2	1.9A	0.0208	10.5	Ø12.3xØ5	178	Ø3.175	MODIFIED
540V2-13.5T		540	2860	190	1-3S	49A	2	1.6A	0.0361	13.5	Ø12.3xØ5	178	Ø3.175	MODIFIED
540V2-10.5T	SP-054000-05	540	3600	250	1-3S	63A	2	1.9A	0.0208	10.5	Ø12.5xØ7.2	178	Ø3.175	SPEC
540V2-13.5T		540	3050	190	1-3S	49A	2	1.6A	0.0361	13.5	Ø12.5xØ7.2	178	Ø3.175	SPEC
540V2-17.5T		540	2200	130	1-3S	34A	2	1.1A	0.0514	17.5	Ø12.5xØ7.2	178	Ø3.175	SPEC
540V2-21.5T		540	1760	100	1-3S	28A	2	0.9A	0.0875	21.5	Ø12.5xØ7.2	178	Ø3.175	SPEC

540 V2



540 V4R COMPETITION BRUSHLESS MOTOR

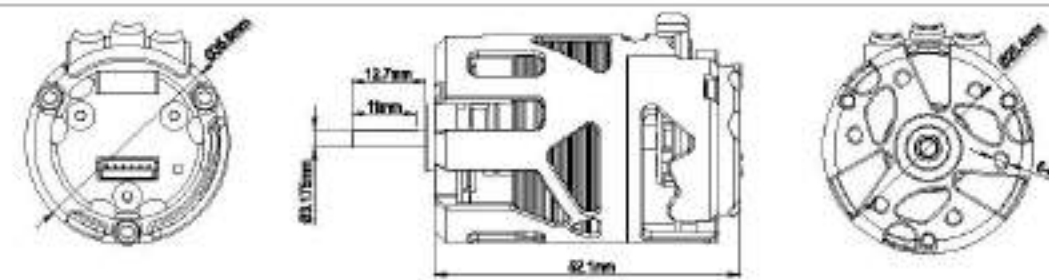


- The new and unique stator design of V4R silver-black stock motor is optimised to provide strong torque and high RPM.
- Updating the cover and installing the vacancy avoidance space is suitable for all modified car body in the market.
- New stator coating for better heat dissipation and long term surface corrosion resistance.
- Accurately mounted sensors for the best possible KV and RPM.
- CNC Machined Billet T6 Aluminum Heatsink Can
- High Purity Copper Windings Maximizes Conductivity
- Adjustable Timing, Dual sensor port
- BRCA & EFRA approved, Meets ROAR & IFMAR specifications



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
540V4R-3.5T		540	9250	600	1S	130A	2	8.5A	0.0026	3.5	Ø12.5xØ5	160	Ø3.175	MODIFIED
540V4R-4.0T	SP-054000-66	540	8500	530	1-2S	115A	2	7.2	0.0034	4	Ø12.5xØ5	160	Ø3.175	MODIFIED
540V4R-4.5T		540	7800	490	1-2S	108A	2	6.5A	0.0042	4.5	Ø12.5xØ5	160	Ø3.175	MODIFIED
540V4R-5.0T	SP-054000-68	540	7200	450	1-2S	104A	2	6.2A	0.0056	5	Ø12.5xØ5	160	Ø3.175	MODIFIED
540V4R-5.5T	SP-054000-67	540	6650	430	1-2S	100A	2	5.5A	0.0061	5.5	Ø12.5xØ5	160	Ø3.175	MODIFIED
540V4R-6.0T	SP-054000-68	540	6200	410	1-2S	96A	2	4.2A	0.0075	6	Ø12.5xØ5	160	Ø3.175	MODIFIED
540V4R-6.5T		540	5520	390	1-2S	94A	2	3.9A	0.0087	6.5	Ø12.5xØ5	160	Ø3.175	MODIFIED
540V4R-7.5T	SP-054000-67	540	4850	360	1-2S	86A	2	3.2A	0.0104	7.5	Ø12.5xØ5	160	Ø3.175	MODIFIED
540V4R-8.5T		540	4250	340	1-3S	80A	2	2.8A	0.0138	8.5	Ø12.5xØ5	160	Ø3.175	MODIFIED
540V4R-9.5T		540	3800	290	1-3S	70A	2	2.5A	0.0165	9.5	Ø12.5xØ5	160	Ø3.175	MODIFIED
540V4R-10.5T		540	3800	250	1-3S	63A	2	1.8A	0.0198	10.5	Ø12.5xØ7.2	160	Ø3.175	SPEC
540V4R-13.5T	SP-054000-69	540	3200	190	1-3S	49A	2	1.6A	0.0231	13.5	Ø12.5xØ7.2	160	Ø3.175	SPEC
540V4R-17.5T		540	2300	130	1-3S	34A	2	1.1A	0.0374	17.5	Ø12.5xØ7.2	160	Ø3.175	SPEC
540V4R-21.5T		540	1850	100	1-3S	28A	2	0.9A	0.0595	21.5	Ø12.5xØ7.2	160	Ø3.175	SPEC
540V4R-25.5T	SP-054000-70	540	1650	80	1-3S	24A	2	0.8A	0.1015	25.5	Ø12.5xØ7.2	160	Ø3.175	SPEC

540 V4R



540 V3

COMPETITION BRUSHLESS MOTOR

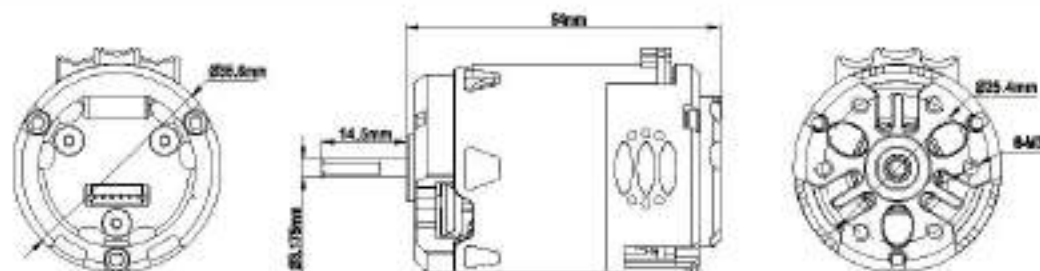


- CNC Machined Billet T6 Aluminum Heatsink Can
- High Purity Copper Windings Maximizes Conductivity
- High Power Solder Tabs
- Removable/Replaceable Rotor
- Powerful Sintered Neodymium Magnet
- Precision Engineered for Maximum Energy Conversion
- Adjustable Timing
- Compatible with any Sensored/ Sensorless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



Product	Item Number	Size	Kv (RPM/Volt)	Watts	lipo (S)	Max Amps	Rotor Poles	ID (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	SP-054000-46	540	4850	360	1-2S	86A	2	3.2A	0.0104	7.5	Ø12.5xØ5	160	Ø3.175	MODIFIED
540V3-8.5T		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	SP-054000-45	540	3200	190	1-3S	49A	2	1.6A	0.0231	13.5	Ø12.5xØ7.2	160	Ø3.175	SPEC
540V3-17.5T		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

540 V3



540 V4S

COMPETITION BRUSHLESS MOTOR

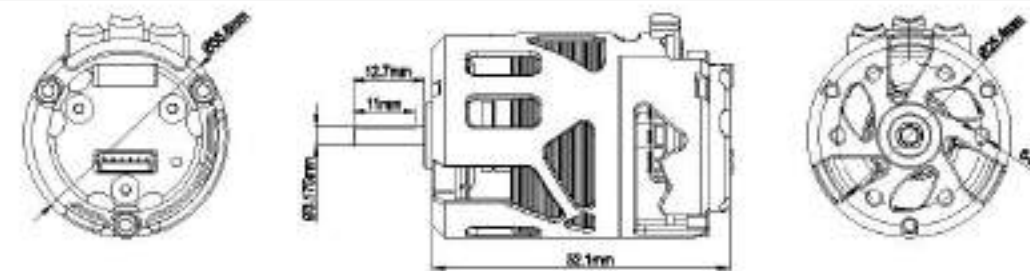


- CNC Machined Billet T6 Aluminum Heatsink Can
- High Purity Copper Windings Maximizes Conductivity
- High Power Solder Tabs
- Removable/Replaceable Rotor
- Powerful Sintered Neodymium Magnet
- Precision Engineered for Maximum Energy Conversion
- Adjustable Timing
- Compatible with any Sensored/ Sensorless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



Product	Item Number	Size	Kv (RPM/Volt)	Watts	lipo (S)	Max Amps	Rotor Poles	ID (7.4V)	Resistance	Turns	Rotor	Weight (g)	Shaft (mm)	TYPE
540V4S-3.5T		540	9250	600	1S	130A	2	8.5A	0.0026	3.5	Ø12.5xØ5	160	Ø3.175	MODIFIED
540V4S-4.0T	SP-054000-66	540	8500	530	1-2S	115A	2	7.2	0.0034	4	Ø12.5xØ5	160	Ø3.175	MODIFIED
540V4S-4.5T		540	7800	490	1-2S	108A	2	6.5A	0.0042	4.5	Ø12.5xØ5	160	Ø3.175	MODIFIED
540V4S-5.0T	SP-054000-68	540	7200	450	1-2S	104A	2	6.2A	0.0056	5	Ø12.5xØ5	160	Ø3.175	MODIFIED
540V4S-5.5T	SP-054000-67	540	6650	430	1-2S	100A	2	5.5A	0.0061	5.5	Ø12.5xØ5	160	Ø3.175	MODIFIED
540V4S-6.0T	SP-054000-68	540	6200	410	1-2S	96A	2	4.2A	0.0075	6	Ø12.5xØ5	160	Ø3.175	MODIFIED
540V4S-6.5T		540	5520	390	1-2S	94A	2	3.9A	0.0087	6.5	Ø12.5xØ5	160	Ø3.175	MODIFIED
540V4S-7.5T	SP-054000-67	540	4850	360	1-2S	86A	2	3.2A	0.0104	7.5	Ø12.5xØ5	160	Ø3.175	MODIFIED
540V4S-8.5T		540	4250	340	1-3S	80A	2	2.8A	0.0138	8.5	Ø12.5xØ5	160	Ø3.175	MODIFIED
540V4S-9.5T		540	3800	290	1-3S	70A	2	2.5A	0.0165	9.5	Ø12.5xØ5	160	Ø3.175	MODIFIED
540V4S-10.5T		540	3800	250	1-3S	63A	2	1.8A	0.0198	10.5	Ø12.5xØ7.2	160	Ø3.175	SPEC
540V4S-13.5T	SP-054000-69	540	3200	190	1-3S	49A	2	1.6A	0.0231	13.5	Ø12.5xØ7.2	160	Ø3.175	SPEC
540V4S-17.5T		540	2300	130	1-3S	34A	2	1.1A	0.0374	17.5	Ø12.5xØ7.2	160	Ø3.175	SPEC
540V4S-21.5T		540	1850	100	1-3S	28A	2	0.9A	0.0595	21.5	Ø12.5xØ7.2	160	Ø3.175	SPEC
540V4S-25.5T	SP-054000-70	540	1650	80	1-3S	24A	2	0.8A	0.1015	25.5	Ø12.5xØ7.2	160	Ø3.175	SPEC

540 V4S



540

SENSORED MOTOR WITHOUT TIMING



- High RPM precision bearings
- Unad justable timing
- Compatible with any Sensored/Sensorless ESC
- CNC Machined Billet T6 Aluminum Heatsink Can
- High purity copper windings Maximizes conductivity
- High power solder tabs
- Removable/Replaceable Rotor
- Powerful sintered Neodymium magnet
- Precisionengineered for maximum
- Meet Ifmar/roar rules



Product	Item Number	Kv (RPM/Volt)	Size	Watts	lipo (S)	Max Amps	Rotor Poles	IO (7.4V)	Resistance	Turns	Rotor (mm)	Weight (g)	Shaft (mm)	TYPE
sensored 3.5T	SP-054000-12	9100	540	600	1-25	130A	2	9.1A	0.0026	3.5	Ø12.5xØ5	175	Ø3.175	MODIFIED
sensored 4.5T		7620	540	490	1-25	108A	2	6.9A	0.0042	4.5	Ø12.5xØ5	175	Ø3.175	MODIFIED
sensored 5.5T		6450	540	430	1-25	100A	2	5.8A	0.0061	5.5	Ø12.5xØ5	178	Ø3.175	MODIFIED
sensored 6.5T		5350	540	390	1-25	94A	2	4.1A	0.0087	6.5	Ø12.5xØ5	178	Ø3.175	MODIFIED
sensored 7.5T		4700	540	360	1-25	86A	2	3.5A	0.0104	7.5	Ø12.5xØ5	178	Ø3.175	MODIFIED
sensored 8.5T		4100	540	340	1-35	80A	2	3.2A	0.0138	8.5	Ø12.5xØ5	178	Ø3.175	MODIFIED
sensored 9.5T		3700	540	290	1-35	70A	2	2.7A	0.0165	9.5	Ø12.5xØ5	178	Ø3.175	MODIFIED
sensored 10.5T		3450	540	250	1-35	63A	2	1.9A	0.0208	10.5	Ø12.5xØ5	178	Ø3.175	MODIFIED
sensored 11.5T		3200	540	250	1-35	63A	2	1.9A	0.0208	10.5	Ø12.5xØ5	178	Ø3.175	MODIFIED
sensored 10.5T	SP-054000-13	3600	540	250	1-35	63A	2	1.9A	0.0208	10.5	Ø12.5xØ7.2	178	Ø3.175	SPEC
sensored 13.5T		3050	540	190	1-35	49A	2	1.6A	0.0361	13.5	Ø12.5xØ7.2	178	Ø3.175	SUPER STOCK
sensored 17.5T		2200	540	130	1-35	34A	2	1.1A	0.0514	17.5	Ø12.5xØ7.2	178	Ø3.175	STOCK
sensored 21.5T		1760	540	100	1-35	28A	2	0.9A	0.0875	21.5	Ø12.5xØ7.2	178	Ø3.175	SPEC

540



550

COMPETITION BRUSHLESS MOTOR

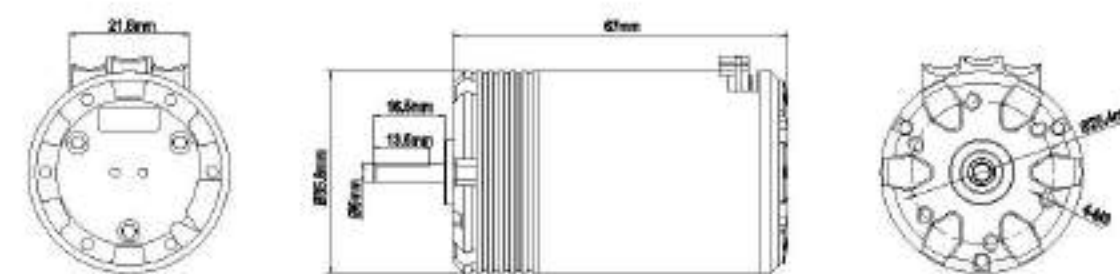


- CNC Machined Billet T6 Aluminum Heatsink Can
- High Purity Copper Windings Maximizes Conductivity
- High Power Solder Tabs
- Removable/Replaceable Rotor
- Powerful Sintered Neodymium Magnet
- Precision Engineered for Maximum Energy Conversion
- Adjustable Timing
- Compatible with any Sensored/ Sensorless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



Product	Item Number	Size	Kv (RPM/Volt)	Watts	lipo (S)	Max Amps	Rotor Poles	IO (7.4V)	Resistance	Turns	Rotor (mm)	Weight (g)	Shaft (mm)
550 3.5T	SP-055000-05	500	4800	900	25	107A	2	4.5A	0.0065	4.5	Ø12.5xØ7.2	235	Ø5
550 4.0T		550	4000	815	25	97A	2	3.4A	0.0085	5.5	Ø12.5xØ7.2	235	Ø5
550 4.5T		550	3400	745	2-35	59A	2	2.7A	0.0121	6.5	Ø12.5xØ7.2	235	Ø5
550 5.0T		550	3000	665	2-35	53A	2	1.6A	0.0136	7.5	Ø12.5xØ7.2	235	Ø5

550



TAURUS 4268

HIGH PERFORMANCE BRUSHLESS SENSORED MOTOR For on road touring car



High Purity Copper Windings



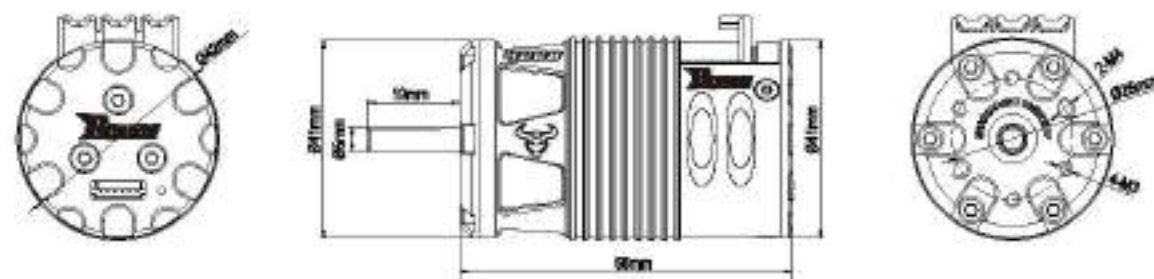
Removable/Replaceable Rotor



- Brushless sensored motor use for 1/8th Electric on road Touring Car
- 4 Pole 12 Slot Hi-torque Motor Design
- CNC Machined 6061 T6 Billet Aluminum Heatsink Can
- High Purity Copper Windings Maximizes Efficiency
- High RPM ABEC5 Oversized Bearings
- Universal fit, fits 1/8th electric on road Touring Car-multi-mounting system for M3 or M4 screws
- Precision balanced rotor, smoothness for best reliability and maximum RPM
- Stator - Super Thin (0.2mm) Laminations
- Removable/Replaceable Rotor
- Precision Engineered for Maximum Energy Conversion
- Meets ROAR & IFMAR & BRCA & EFRA specifications

Product	Item Number	Kv (RPM/Volt)	Watts	Max voltage	Max Amps	Rotor Poles	IO	Resistance	Max RPM	Motor size (mm)	Weight (g)	Shaft (mm)	Length of extend shaft
4268/2Y		2700	2400W	<18V	130A	4	3.2A	0.0048	50000	Ø40/Ø42 (with heat sink)	320	Ø5	18mm
4268/4D		2450	2400W	<22V	110A	4	3.0A	0.0065	50000	Ø40/Ø42 (with heat sink)	320	Ø5	18mm
4268/2.5Y	SP-04268D-02	2150	2400W	<25V	95A	4	2.5A	0.0077	50000	Ø40/Ø42 (with heat sink)	320	Ø5	18mm
4268/3Y		1850	2400W	<27V	82A	4	2.2A	0.0130	50000	Ø40/Ø42 (with heat sink)	320	Ø5	18mm
4268/6D		1550	2400W	<32V	75A	4	1.8A	0.0160	50000	Ø40/Ø42 (with heat sink)	320	Ø5	18mm

TAURUS 4268



TAURUS 4274

HIGH PERFORMANCE BRUSHLESS SENSORED MOTOR For off-road Buggy & Monster Truck



High Purity Copper Windings



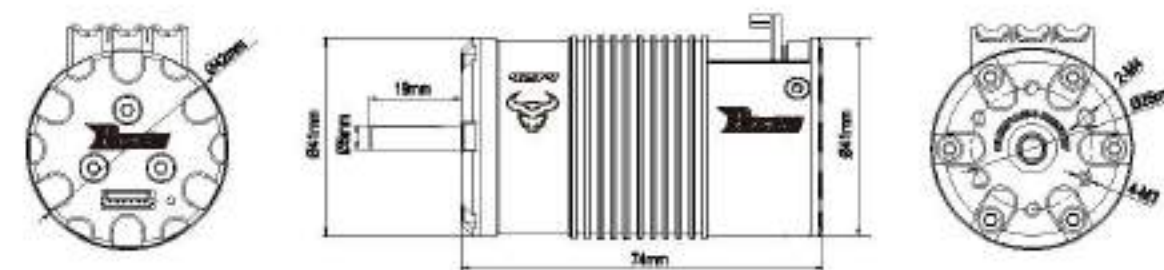
Removable/Replaceable Rotor



- Brushless sensored motor use for 1/8th off-road Buggy & Monster Truck
- 4 Pole 12 Slot Hi-torque Motor Design
- CNC Machined 6061 T6 Billet Aluminum Heatsink Can
- High Purity Copper Windings Maximizes Efficiency
- High RPM ABEC5 Oversized Bearings
- Universal fit, fits 1/8th off-road Buggy & Monster Truck-multi-mounting system for M3 or M4 screws
- Precision balanced rotor, smoothness for best reliability and maximum RPM
- Stator - Super Thin (0.2mm) Laminations
- Removable/Replaceable Rotor
- Precision Engineered for Maximum Energy Conversion
- Meets ROAR & IFMAR & BRCA & EFRA specifications

Product	Item Number	Kv (RPM/Volt)	Watts	Max voltage	Max Amps	Rotor Poles	IO	Resistance	Max RPM	Motor size (mm)	Weight (g)	Shaft (mm)	Length of extend shaft
4274/2Y		2200	2800W	<22V	130A	4	3.5A	0.0060	50000	Ø40/Ø42 (with heat sink)	380	Ø5	18mm
4274/4D		1950	2800W	<25V	115A	4	3.2A	0.0082	50000	Ø40/Ø42 (with heat sink)	380	Ø5	18mm
4274/5D	SP-04274D-02	1700	2800W	<29V	95A	4	2.8A	0.0100	50000	Ø40/Ø42 (with heat sink)	380	Ø5	18mm
4274/3Y		1500	2800W	<32V	88A	4	2.2A	0.0125	50000	Ø40/Ø42 (with heat sink)	380	Ø5	18mm
4274/6D		1400	2800W	<36V	78A	4	1.8A	0.0165	50000	Ø40/Ø42 (with heat sink)	380	Ø5	18mm

TAURUS 4274



4268/4274 4 POLES BRUSHLESS MOTOR

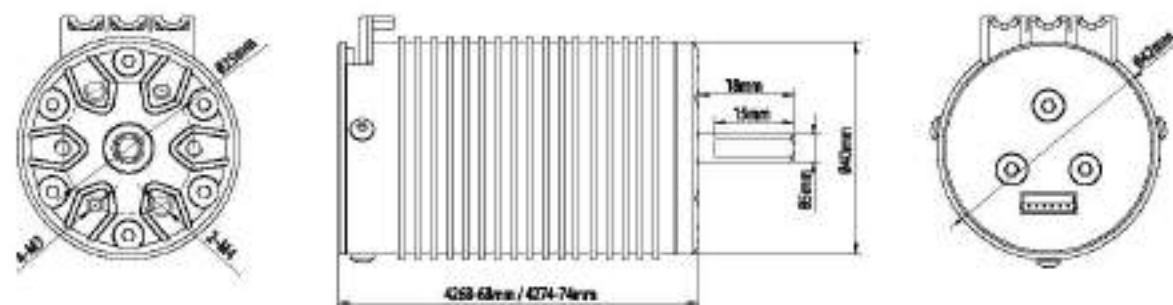


- Sensor motor for 1/8 scale competition.
- 4 Pole 12 Slot Hi-torque Motor Design
- CNC Machined 6061 T6 Billet Aluminum Heatsink Can
- High Purity Copper Windings Maximizes Efficiency
- High RPM ABEC5 Oversized Bearings
- Universal fit, fits all 1/8th brushless cars-multi-mounting system for M3 or M4 screws
- Precision balanced rotor, smoothness for best reliability and maximum RPM
- Stator - SuperThin (0.2mm) Laminations
- Removable/Replaceable Rotor
- Precision Engineered for Maximum Energy Conversion
- Meets ROAR & IFMAR & BRCA & EFRA specifications



Product	Item Number	Kv (RPM/Volt)	Watts	Max voltage	Max Amps	Rotor Poles	IO	Resistance	Max RPM	Motor size (mm)	Weight (g)	Shaft (mm)	Length of extend shaft
4268/2Y	SP-042680-01	2650	2400W	<18v	130A	4	2.6A	0.0062	50000	Ø40/Ø42 (with fans) Ø68	340	Ø5	18mm
4268/4D		2250	2400W	<22v	110A	4	2.3A	0.0095	50000	Ø40/Ø42 (with fans) Ø68	340	Ø5	18mm
4268/5D		1950	2400W	<25v	95A	4	1.9A	0.0104	50000	Ø40/Ø42 (with fans) Ø68	340	Ø5	18mm
4268/3Y		1700	2400W	<27v	82A	4	1.2A	0.0148	50000	Ø40/Ø42 (with fans) Ø68	340	Ø5	18mm
4268/6D		1550	2400W	<32v	75A	4	0.8A	0.0176	50000	Ø40/Ø42 (with fans) Ø68	340	Ø5	18mm
4274/2Y	SP-042740-01	2250	2800W	<22v	130A	4	2.5A	0.0066	50000	Ø40/Ø42 (with fans) Ø74	380	Ø5	18mm
4274/4D		2000	2800W	<25v	115A	4	2.3A	0.0079	50000	Ø40/Ø42 (with fans) Ø74	380	Ø5	18mm
4274/5D		1700	2800W	<29v	95A	4	1.9A	0.0111	50000	Ø40/Ø42 (with fans) Ø74	380	Ø5	18mm
4274/3Y		1550	2800W	<32v	88A	4	1.2A	0.0131	50000	Ø40/Ø42 (with fans) Ø74	380	Ø5	18mm
4274/6D		1350	2800W	<36v	78A	4	0.8A	0.0175	50000	Ø40/Ø42 (with fans) Ø74	380	Ø5	18mm

4268/4274



540 4 POLES BRUSHLESS MOTOR

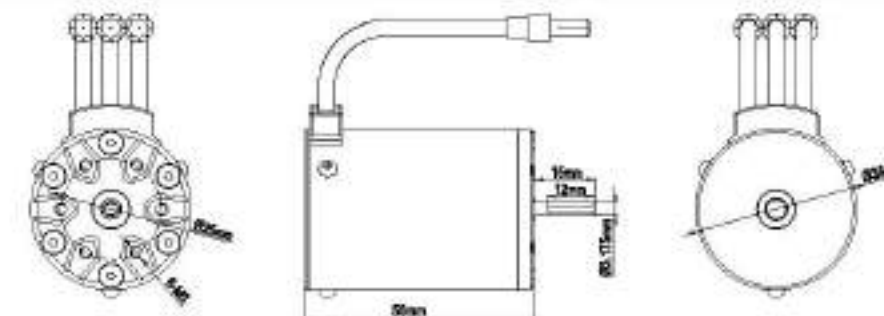


- 4 Pole 12 Slot Hi-torque Motor Design
- CNC Machined 6061 T6 Billet Aluminum Heatsink Can
- High Purity Copper Windings Maximizes Efficiency
- High RPM ABEC5 Oversized Bearings
- Universal fit, fits all 1/10th brushless cars-multi-mounting system for M3 screws
- Precision balanced rotor, smoothness for best reliability and maximum RPM
- Stator - SuperThin (0.2mm) Laminations
- Removable/Replaceable Rotor
- Precision Engineered for Maximum Energy Conversion
- Meets ROAR & IFMAR & BRCA & EFRA specifications



Product	Item Number	Kv (RPM/Volt)	Watts	Max voltage	Max Amps	Rotor Poles	IO	Resistance	Max RPM	Motor size (mm)	Weight (g)	Shaft (mm)	Length of extend shaft	Connector
540/2Y	SP-054000-14	9000	750	<8.4V	90A	4	5.8A	0.0027	70000	Ø36x50	165	Ø3.175	15mm	4.0mm gold
540/2Y		7700	800	<8.4V	95A	4	5.6A	0.0032	65000	Ø36x50	165	Ø3.175	15mm	4.0mm gold
540/2Y		6900	850	<8.4V	100A	4	5.4A	0.0037	60000	Ø36x50	175	Ø3.175	15mm	4.0mm gold
540/3T	SP-054000-00	5900	900	<8.4V	107A	4	5.2A	0.0043	50000	Ø36x50	175	Ø3.175	15mm	4.0mm gold
540/3.5T		5200	900	<9.6V	94A	4	3.7A	0.0051	50000	Ø36x50	185	Ø3.175	15mm	4.0mm gold
540/4T		4300	900	<12V	75A	4	2.7A	0.0075	50000	Ø36x50	185	Ø3.175	15mm	4.0mm gold
540/4.5T	SP-054000-01	3900	900	<13V	69A	4	2.0A	0.0081	50000	Ø36x50	185	Ø3.175	15mm	4.0mm gold
540/5T		3400	900	<15V	60A	4	1.7A	0.0108	50000	Ø36x50	185	Ø3.175	15mm	4.0mm gold
540/3Y		3100	900	<16V	56A	4	1.4A	0.0126	50000	Ø36x50	185	Ø3.175	15mm	4.0mm gold
540/3.5Y		2300	900	<22V	41A	4	1.2A	0.0182	50000	Ø36x50	185	Ø3.175	15mm	4.0mm gold
540/4Y		2050	900	<24V	38A	4	1.0A	0.0212	50000	Ø36x50	185	Ø3.175	15mm	4.0mm gold
540/5Y		1650	900	<30V	30A	4	0.7A	0.0318	50000	Ø36x50	185	Ø3.175	15mm	4.0mm gold

540



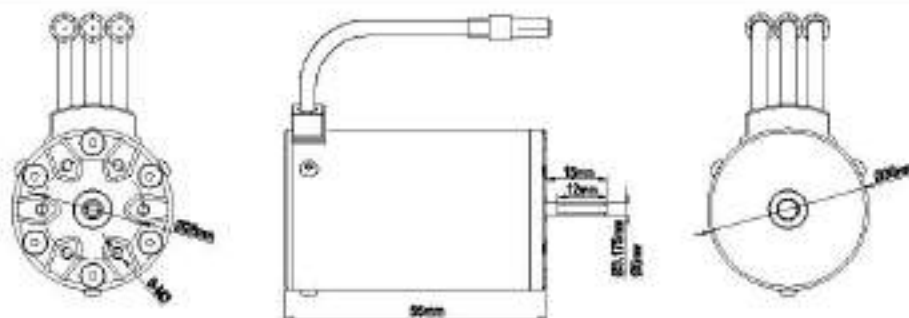
550 4 POLES BRUSHLESS MOTOR



- 4 Pole 12 Slot Hi-torque Motor Design
- CNC Machined 6061 T6 Billet Aluminum Heatsink Can
- High Purity Copper Windings Maximizes Efficiency
- High RPM ABEC5 Oversized Bearings
- Universal fit, fits all 1/10th brushless cars-multi-mounting system for M3 screws
- Precision balanced rotor, smoothness for best reliability and maximum RPM
- Stator - Super Thin (0.2mm) Laminations
- Removable/Replaceable Rotor
- Precision Engineered for Maximum Energy Conversion
- Meets ROAR & IFMAR & BRCA & EFRA specifications

Product	Item Number	Kv (RPM/Volt)	Watts	Max voltage	Max Amps	Rotor Poles	IO	Resistance	Max RPM	Motor size (mm)	Weight (g)	Shaft (mm)	Length of extend shaft	Connector
550/3T	SP-055000-01	4300	1200	<12V	100A	4	3.7A	0.0058	50000	Ø36x55	220	Ø3.175	17mm	4.0mm gold
550/3.5T		3800	1200	<13V	92A	4	2.8A	0.0083	50000	Ø36x55	220	Ø3.175	17mm	4.0mm gold
550/2Y		3500	1200	<14V	85A	4	2.5A	0.0089	50000	Ø36x55	220	Ø3.175	17mm	4.0mm gold
550/4T		3300	1200	<15V	80A	4	2.3A	0.0095	50000	Ø36x55	220	Ø3.175	17mm	4.0mm gold
550/5T		2600	1200	<19V	63A	4	1.5A	0.0146	50000	Ø36x55	220	Ø3.175	17mm	4.0mm gold
550/3Y		2350	1200	<21V	57A	4	1.3A	0.0152	50000	Ø36x55	220	Ø3.175	17mm	4.0mm gold
550/3.5Y		1950	1200	<26V	46A	4	1.2A	0.0231	50000	Ø36x55	220	Ø3.175	17mm	4.0mm gold
550/4Y		1750	1200	<28V	43A	4	1.0A	0.0258	50000	Ø36x55	220	Ø3.175	17mm	4.0mm gold
550/5Y		1400	1200	<36V	33A	4	0.7A	0.0378	50000	Ø36x55	220	Ø3.175	17mm	4.0mm gold
550/3T	SP-055000-02	4300	1200	<12V	100A	4	3.7A	0.0058	50000	Ø36x55	225	Ø5	17mm	4.0mm gold
550/3.5T		3800	1200	<13V	92A	4	2.8A	0.0083	50000	Ø36x55	225	Ø5	17mm	4.0mm gold
550/4T		3300	1200	<15V	80A	4	2.3A	0.0095	50000	Ø36x55	225	Ø5	17mm	4.0mm gold
550/5T		2600	1200	<19V	63A	4	1.5A	0.0146	50000	Ø36x55	225	Ø5	17mm	4.0mm gold
550/3Y		2350	1200	<21V	57A	4	1.3A	0.0152	50000	Ø36x55	225	Ø5	17mm	4.0mm gold
550/3.5Y		1950	1200	<26V	46A	4	1.2A	0.0231	50000	Ø36x55	225	Ø5	17mm	4.0mm gold
550/4Y		1750	1200	<28V	43A	4	1.0A	0.0258	50000	Ø36x55	225	Ø5	17mm	4.0mm gold
550/5Y		1400	1200	<36V	33A	4	0.7A	0.0378	50000	Ø36x55	225	Ø5	17mm	4.0mm gold

550



4068/4076 4082/4092 4 POLES BRUSHLESS MOTOR

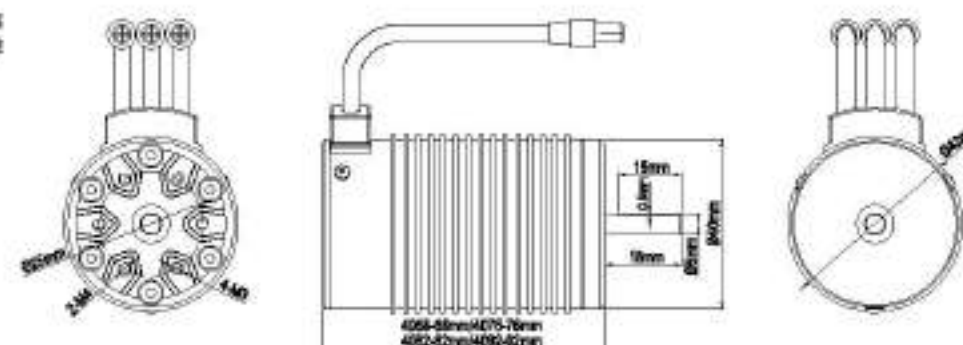


- 4 Pole 12 Slot Hi-torque Motor Design
- CNC Machined 6061 T6 Billet Aluminum Heatsink Can
- High Purity Copper Windings Maximizes Efficiency
- High RPM ABEC5 Oversized Bearings
- Universal fit, fits all 1/8th brushless cars-multi-mounting system for M3 or M4 screws
- Precision balanced rotor, smoothness for best reliability and maximum RPM
- Stator - Super Thin (0.2mm) Laminations
- Removable/Replaceable Rotor
- Precision Engineered for Maximum Energy Conversion
- Meets ROAR & IFMAR & BRCA & EFRA specifications



Product	Item Number	Kv (RPM/Volt)	Watts	Max voltage	Max Amps	Rotor Poles	IO	Resistance	Max RPM	Motor size (mm)	Weight (g)	Shaft (mm)	Length of extend shaft	Connector
4068/2Y	SP-040680-01	2650	2200	<18v	122A	4	2.6A	0.0062	50000	Ø40/Ø42 with fans Ø68	350	Ø5	18mm	6.5mm gold
4068/2.5Y		2050	2200	<21v	105A	4	2.3A	0.0095	50000	Ø40/Ø42 with fans Ø68	350	Ø5	18mm	6.5mm gold
4068/3Y		1900	2200	<23v	95A	4	1.9A	0.0104	50000	Ø40/Ø42 with fans Ø68	350	Ø5	18mm	6.5mm gold
4068/3.5Y		1700	2200	<26v	85A	4	1.2A	0.0148	50000	Ø40/Ø42 with fans Ø68	350	Ø5	18mm	6.5mm gold
4068/4Y		1400	2200	<28v	78A	4	0.8A	0.0176	50000	Ø40/Ø42 with fans Ø68	350	Ø5	18mm	6.5mm gold
4076/2Y	SP-040760-01	2250	2800	<18v	155A	4	2.5A	0.0066	50000	Ø40/Ø42 with fans Ø76	400	Ø5	18mm	6.5mm gold
4076/2.25Y		2000	2800	<21v	135A	4	2.3A	0.0079	50000	Ø40/Ø42 with fans Ø76	400	Ø5	18mm	6.5mm gold
4076/2.5Y		1700	2800	<23v	116A	4	1.9A	0.0111	50000	Ø40/Ø42 with fans Ø76	400	Ø5	18mm	6.5mm gold
4076/3Y		1550	2800	<26v	108A	4	1.2A	0.0131	50000	Ø40/Ø42 with fans Ø76	400	Ø5	18mm	6.5mm gold
4076/3.5Y		1350	2800	<28v	100A	4	0.8A	0.0175	50000	Ø40/Ø42 with fans Ø76	400	Ø5	18mm	6.5mm gold
4082/3T	SP-040820-10	2060	3400	<21v	160A	4	4.5A	0.0053	50000	Ø40/Ø42 with fans Ø82	470	Ø5	18mm	6.5mm gold
4082/2Y		1720	3400	<24v	140A	4	2.2A	0.0082	50000	Ø40/Ø42 with fans Ø82	470	Ø5	18mm	6.5mm gold
4082/4Y		1550	3400	<26v	130A	4	3.0A	0.0092	50000	Ø40/Ø42 with fans Ø82	470	Ø5	18mm	6.5mm gold
4092/3T	SP-040920-10	1650	4200	<26v	160A	4	4.8A	0.0058	50000	Ø40/Ø42 with fans Ø92	530	Ø5	18mm	6.5mm gold
4092/2Y		1420	4200	<28v	150A	4	2.4A	0.0095	50000	Ø40/Ø42 with fans Ø92	530	Ø5	18mm	6.5mm gold
4092/4Y		1250	4200	<30v	140A	4	3.2A	0.0105	50000	Ø40/Ø42 with fans Ø92	530	Ø5	18mm	6.5mm gold

4068/4076
4082/4092



4585 4 POLES BRUSHLESS MOTOR

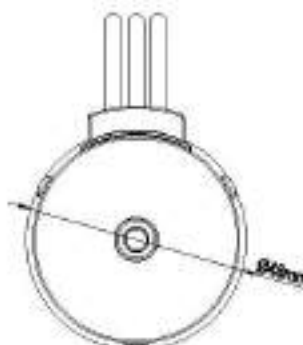
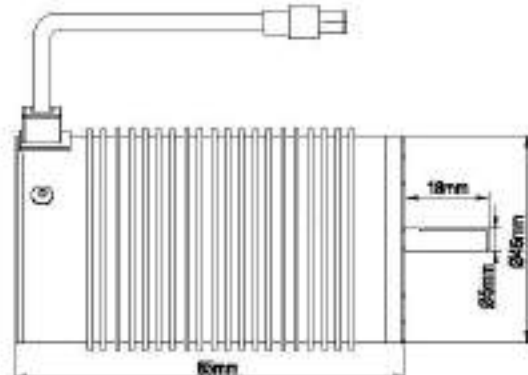
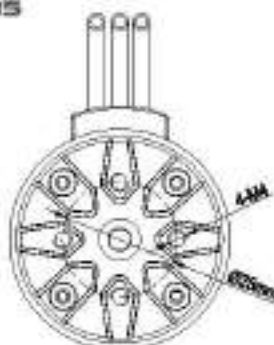


- 4 Pole 12 Slot HI-torque Motor Design
- CNC Machined 6061T6 Billet Aluminum Heatsink Can
- High Purity Copper Windings Maximizes Efficiency
- High RPM ABEC5 Oversized Bearings
- Universal fit, fits all 1/8th brushless cars-multi-mounting system for M3 or M4 screws
- Precision balanced rotor, smoothness for best reliability and maximum RPM
- Stator - Super Thin (0.2mm) Laminations
- Removable/Replaceable Rotor
- Precision Engineered for Maximum Energy Conversion



Product	Item Number	Kv (RPM/Volt)	Watts	Max voltage	Max Amps	Rotor Poles	IO	Resistance	Max RPM	Motor size (mm)	Weight (g)	Shaft (mm)	Length of extend shaft	Connector
4585/2Y	SP-045850-01	1580	3600	<26V	142A	4	3.5A	0.0073	50000	Ø45/Ø48 (with fan) Ø68	470	Ø5	18mm	6.5mm gold
4585/3Y	SP-045850-02	1100	3600	<34V	108A	4	2.2A	0.0122	50000	Ø45/Ø48 (with fan) Ø68	470	Ø5	25mm	6.5mm gold

4585



5682/5692/ 56112 4 POLES BRUSHLESS MOTOR

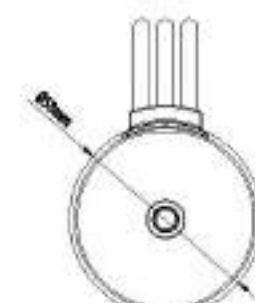
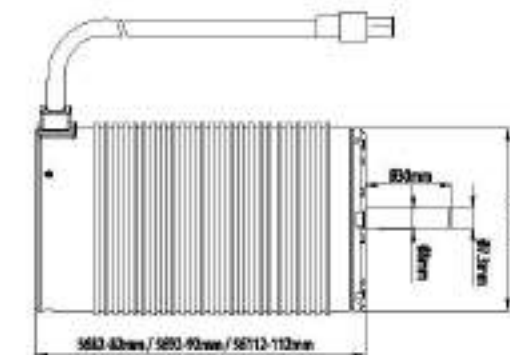


- 4 Pole 12 Slot HI-torque Motor Design
- CNC Machined 6061T6 Billet Aluminum Heatsink Can
- High Purity Copper Windings Maximizes Efficiency
- High RPM ABEC5 Oversized Bearings
- Universal fit, fits all 1/5th brushless cars-multi-mounting system for M4 screws
- Precision balanced rotor, smoothness for best reliability and maximum RPM
- Stator - SuperThin (0.2mm) Laminations
- Removable/Replaceable Rotor
- Precision Engineered for Maximum Energy Conversion



Product	Item Number	Kv (RPM/Volt)	Watts	Max voltage	Max Amps	Rotor Poles	IO	Resistance	Max RPM	Motor size (mm)	Weight (g)	Shaft (mm)	Length of extend shaft	Connector
56112/2Y		780	7350	38V	195A	4	2.8A	0.0061	30000	Ø55/Ø58 (with fan) Ø112	1220	Ø8	30mm	8.0mm gold
56112/4D	SP-056112-01	700	7350	42V	175A	4	2.2A	0.0083	30000	Ø55/Ø58 (with fan) Ø112	1220	Ø8	30mm	8.0mm gold
56112/3Y		520	7350	57V	129A	4	1.6A	0.0148	30000	Ø55/Ø58 (with fan) Ø112	1220	Ø8	30mm	8.0mm gold
5692/2Y		1090	5200	27V	195A	4	3.2A	0.0072	30000	Ø55/Ø58 (with fan) Ø92	980	Ø8	30mm	8.0mm gold
5692/4D	SP-056920-01	980	5200	30V	172A	4	2.4A	0.0122	30000	Ø55/Ø58 (with fan) Ø92	980	Ø8	30mm	8.0mm gold
5692/3Y		730	5200	41V	128A	4	2.0A	0.0152	30000	Ø55/Ø58 (with fan) Ø92	980	Ø8	30mm	8.0mm gold
5682/2Y		1300	4200	22V	193A	4	3.1A	0.0058	30000	Ø55/Ø58 (with fan) Ø82	880	Ø8	30mm	8.0mm gold
5682/2.5Y	SP-056820-01	980	4200	26V	160A	4	2.8A	0.0128	30000	Ø55/Ø58 (with fan) Ø82	880	Ø8	30mm	8.0mm gold
5682/3Y		910	4200	33V	129A	4	2.2A	0.0178	30000	Ø55/Ø58 (with fan) Ø82	880	Ø8	30mm	8.0mm gold

5682/5692/56112



70120

4 POLES BRUSHLESS MOTOR

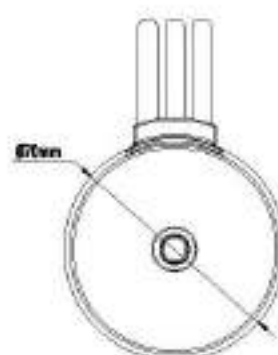
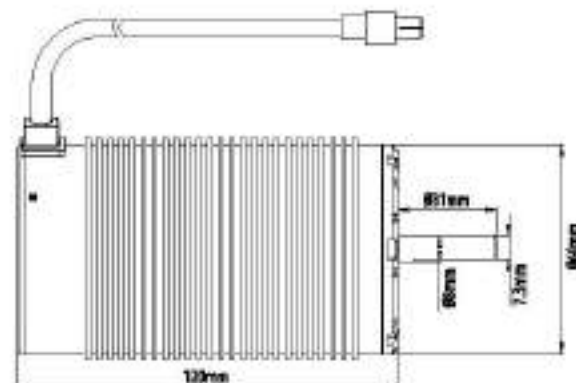
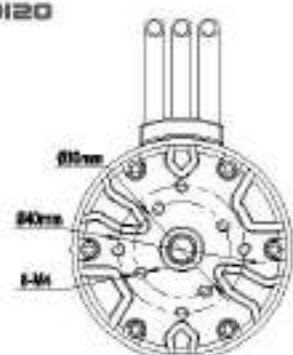


- 4 Pole 12 Slot Hi-torque Motor Design
- CNC Machined 6061 T6 Billet Aluminum Heatsink Can
- High Purity Copper Windings Maximizes Efficiency
- High RPM ABEC5 Oversized Bearings
- Universal fit, fits all 1/5th brushless cars-multi-mounting system for M4 screws
- Precision balanced rotor, smoothness for best reliability and maximum RPM
- Stator - Super Thin (0.2mm) Laminations
- Removable/Replaceable Rotor
- Precision Engineered for Maximum Energy Conversion



Product	Item Number	Kv (RPM/Volt)	Watts	Max Lipo	Max Amps	Rotor Poles	IO	Resistance	Max RPM	Motor size (mm)	Weight (g)	Shaft (mm)	Length of extend shaft	Connector
70120/2Y		680	10000	8-12S	220A	4	4.8A	0.0875	35000	Ø66/Ø70 (with fan) X120	1730	Ø8	30mm	8.0mm gold
70120/4D	SP-070120-01	620	10000	8-14S	200A	4	4.5A	0.0895	35000	Ø66/Ø70 (with fan) X120	1730	Ø8	30mm	8.0mm gold
70120/3Y		480	10000	8-16S	160A	4	3.2A	0.0152	35000	Ø66/Ø70 (with fan) X120	1730	Ø8	30mm	8.0mm gold

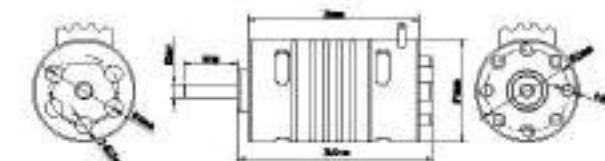
70120



MINI1410

2 POLES BRUSHLESS MOTOR

For 1/24, 1/28 RC Cars



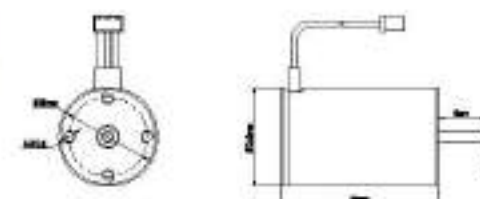
- 2 Pole 3 Slot Hi-torque Motor Design
- CNC Machined 6061 T6 Billet Aluminum Heatsink Can
- High Purity Copper Windings Maximizes Efficiency
- High RPM ABEC5 Oversized Bearings
- Universal fit, fits all 1/24th, 1/28th brushless cars-multi-mounting system for M2.0 screws
- Precision balanced rotor, smoothness for best reliability and maximum RPM
- Stator - Super Thin (0.2mm) Laminations
- Precision Engineered for Maximum Energy Conversion

Product	Item Number	Kv (RPM/Volt)	Watts	Max voltage	Max Amps	Rotor Poles	IO	Resistance	Max RPM	Motor size (mm)	Weight (g)	Shaft (mm)	Length of extend shaft
MINI1410	SP-014100-11	3500	80	<8.4V	9A	2	0.25A	0.64	60000	Ø15x25	12.5	Ø2	10mm
MINI1410	SP-014100-12	5500	80	<8.4V	10A	2	0.5A	0.28	60000	Ø15x25	12.5	Ø2	10mm
MINI1410	SP-014100-13	7500	80	<8.0V	11A	2	0.6A	0.14	60000	Ø15x25	12.5	Ø2	10mm
MINI1410	SP-014100-14	9500	80	<6.0V	12A	2	0.8A	0.1	60000	Ø15x25	12.5	Ø2	10mm

1220

2 POLES BRUSHLESS MOTOR

For 1/24, 1/28, 1/32 RC Cars



- 2 Pole Ø5 Slot Hi-torque Motor Design
- CNC Machined 6061 T6 Billet Aluminum Heatsink Can
- High Purity Copper Windings Maximizes Efficiency
- High RPM ABEC5 Oversized Bearings
- Universal fit, fits all 1/24th, 1/28th, 1/32th brushless cars-multi-mounting system for M1.6 screws
- Precision balanced rotor, smoothness for best reliability and maximum RPM
- Stator - Super Thin (0.2mm) Laminations
- Precision Engineered for Maximum Energy Conversion

Product	Item Number	Kv (RPM/Volt)	Watts	Max voltage	Max Amps	Rotor Poles	IO	Resistance	Max RPM	Motor size (mm)	Weight (g)	Shaft (mm)	Length of extend shaft
1220-38T		8600	80	<5.8V	12A	2	0.20A	0.52	60000	Ø12.6	10.5	Ø1.5	6mm
1220-40T	SP-012200-01	8200	80	<5.8V	10A	2	0.18A	0.53	60000	Ø12.6	10.5	Ø1.5	6mm
1220-45T		7200	80	<8.4V	8A	2	0.15A	0.58	60000	Ø12.6	10.5	Ø1.5	6mm

2845

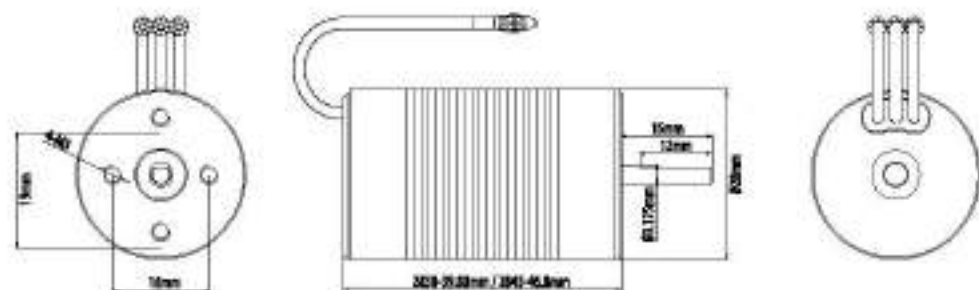
WATERPROOF BRUSHLESS MOTOR



- 4 Pole 12 Slot Hi-torque Motor Design
- CNC Machined 6061 T6 Billet Aluminum Heatsink Can
- High Purity Copper Windings Maximizes Efficiency
- High RPM ABEC5 Oversized Bearings
- Universal fit, fits all 1/10th brushless cars-multi-mounting system for M3 screws
- Precision balanced rotor, smoothness for best reliability and maximum RPM
- Stator - SuperThin (0.2mm) Laminations
- Removable/Replaceable Rotor
- Precision Engineered for Maximum Energy Conversion

Product	Item number	Kv (RPM/Volt)	Watts	Max voltage	Max Amps	Rotor Poles	IO	Resistance	Max RPM	Motor size (mm)	Weight (g)	Shaft (mm)	Length of extend shaft	Connector
2845/2Y	SP-028450-21	5900	800	<9V	88A	4	5.2A	0.0104	50000	Ø28x47	125	Ø3.175	15mm	3.5mm gold
2845/4T		5000	800	<10V	80A	4	4.3A	0.0138	50000	Ø28x47	125	Ø3.175	15mm	3.5mm gold
2845/4.5T		4370	800	<12V	66A	4	3.2A	0.0185	50000	Ø28x47	125	Ø3.175	15mm	3.5mm gold
2845/5T		3930	800	<13V	60A	4	2.4A	0.0196	50000	Ø28x47	125	Ø3.175	15mm	3.5mm gold
2845/3Y		3800	800	<14V	57A	4	2.2A	0.0213	50000	Ø28x47	125	Ø3.175	15mm	3.5mm gold
2845/3.5Y		3100	800	<17V	47A	4	1.9A	0.0285	50000	Ø28x47	125	Ø3.175	15mm	3.5mm gold
2845/4Y		2800	800	<18V	45A	4	1.3A	0.0335	50000	Ø28x47	125	Ø3.175	15mm	3.5mm gold
2845/4.5Y		2600	800	<19V	42A	4	1.2A	0.0425	50000	Ø28x47	125	Ø3.175	15mm	3.5mm gold

2845



3650

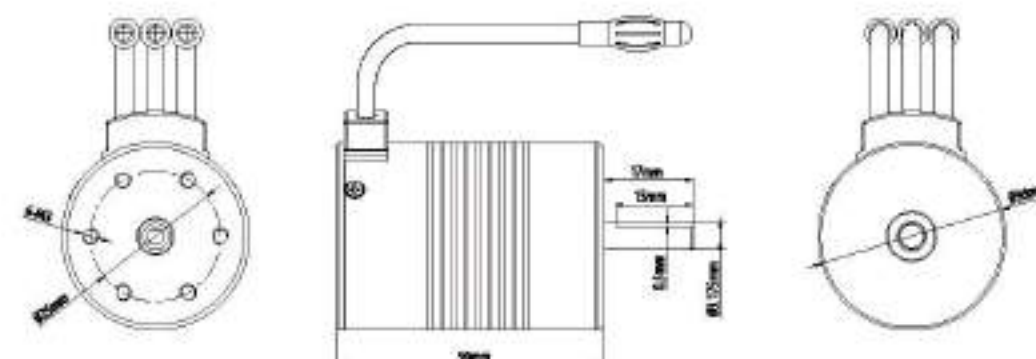
WATERPROOF BRUSHLESS MOTOR



- 4 Pole 12 Slot Hi-torque Motor Design
- CNC Machined 6061 T6 Billet Aluminum Heatsink Can
- High Purity Copper Windings Maximizes Efficiency
- High RPM ABEC5 Oversized Bearings
- Universal fit, fits all 1/10th brushless cars-multi-mounting system for M3 screws
- Precision balanced rotor, smoothness for best reliability and maximum RPM
- Stator - SuperThin (0.2mm) Laminations
- Removable/Replaceable Rotor
- Precision Engineered for Maximum Energy Conversion

Product	Item number	Kv (RPM/Volt)	Watts	Max voltage	Max Amps	Rotor Poles	IO	Resistance	Max RPM	Motor size (mm)	Weight (g)	Shaft (mm)	Length of extend shaft	Connector
3650/3T	SP-036500-21	5900	900	<8.4V	107A	4	5.2A	0.0043	50000	Ø36x50	180	Ø3.175	15mm	4.0mm gold
3650/3.5T		5200	900	<9.6V	94A	4	3.7A	0.0051	50000	Ø36x50	180	Ø3.175	15mm	4.0mm gold
3650/4T		4300	900	<12V	75A	4	2.7A	0.0075	50000	Ø36x50	180	Ø3.175	15mm	4.0mm gold
3650/4.5T		3900	900	<13V	69A	4	2.0A	0.0081	50000	Ø36x50	180	Ø3.175	15mm	4.0mm gold
3650/3Y		3100	900	<16V	56A	4	1.4A	0.0126	50000	Ø36x50	180	Ø3.175	15mm	4.0mm gold
3650/3.5Y		2300	900	<22V	41A	4	1.2A	0.0182	50000	Ø36x50	180	Ø3.175	15mm	4.0mm gold
3650/4Y		2050	900	<24V	38A	4	1.0A	0.0212	50000	Ø36x50	180	Ø3.175	15mm	4.0mm gold
3650/5Y		1650	900	<30V	30A	4	0.7A	0.0318	50000	Ø36x50	180	Ø3.175	15mm	4.0mm gold

3650



3660/3665

WATERPROOF BRUSHLESS MOTOR

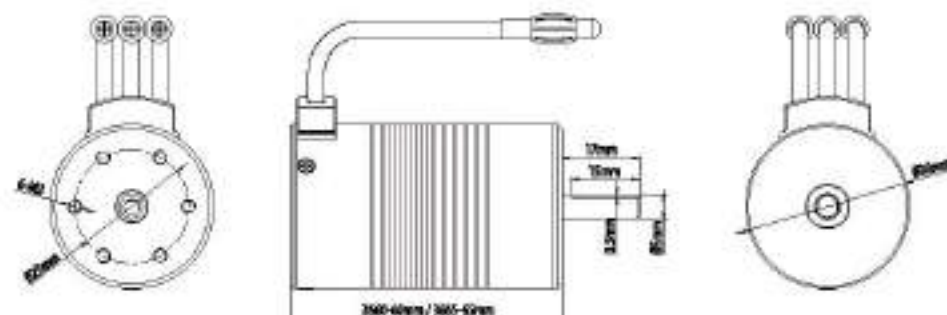


- 4 Pole 12 Slot Hi-torque Motor Design
- CNC Machined 6061 T6 Billet Aluminum Heatsink Can
- High Purity Copper Windings Maximizes Efficiency
- High RPM ABEC5 Oversized Bearings
- Universal fit, fits all 1/10th brushless cars-multi-mounting system for M3 screws
- Precision balanced rotor, smoothness for best reliability and maximum RPM
- Stator - SuperThin (0.2mm) Laminations
- Removable/Replaceable Rotor
- Precision Engineered for Maximum Energy Conversion



Product	Item number	Kv (RPM/Volt)	Watts	Max voltage	Max Amps	Rotor Poles	IO	Resistance	Max RPM	Motor size (mm)	Weight (g)	Shaft (mm)	Length of extend shaft	Connector
3660/3T	SP-036600-21	4300	1200	<12V	100A	4	3.7A	0.0058	50000	Ø36x55	219	Ø5.0	17mm	4.0mm gold
3660/3.5T		3800	1200	<13V	92A	4	2.8A	0.0083	50000	Ø36x55	219	Ø5.0	17mm	4.0mm gold
3660/4T		3300	1200	<15V	80A	4	2.3A	0.0095	50000	Ø36x55	219	Ø5.0	17mm	4.0mm gold
3660/5T		2600	1200	<19V	63A	4	1.5A	0.0146	50000	Ø36x55	219	Ø5.0	17mm	4.0mm gold
3660/3Y		2350	1200	<21V	57A	4	1.3A	0.0152	50000	Ø36x55	219	Ø5.0	17mm	4.0mm gold
3660/3.5Y		1950	1200	<26V	46A	4	1.2A	0.0231	50000	Ø36x55	219	Ø5.0	17mm	4.0mm gold
3660/4Y		1750	1200	<28V	43A	4	1.0A	0.0258	50000	Ø36x55	219	Ø5.0	17mm	4.0mm gold
3660/5Y		1400	1200	<36V	33A	4	0.7A	0.0378	50000	Ø36x55	219	Ø5.0	17mm	4.0mm gold
3665/2Y	SP-036650-21	3100	1400	<16.8V	80A	4	3.8A	0.0061	50000	Ø36x65	245	Ø5.0	15mm	4.0mm gold
3665/2.5Y		2600	1400	<18.5V	75A	4	2.9A	0.0116	50000	Ø36x65	245	Ø5.0	15mm	4.0mm gold
3665/3Y		2100	1400	<23V	60A	4	1.9A	0.0162	50000	Ø36x65	245	Ø5.0	15mm	4.0mm gold
3665/3.5Y		1800	1400	<28V	52A	4	1.6A	0.0235	50000	Ø36x65	245	Ø5.0	15mm	4.0mm gold
3665/4Y		1550	1400	<32V	45A	4	1.2A	0.0266	50000	Ø36x65	245	Ø5.0	15mm	4.0mm gold

3660/3665



3670/3674

WATERPROOF BRUSHLESS MOTOR

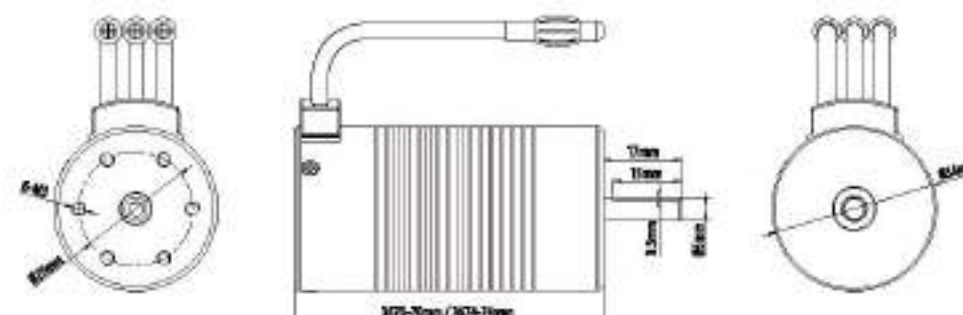


- 4 Pole 12 Slot Hi-torque Motor Design
- CNC Machined 6061 T6 Billet Aluminum Heatsink Can
- High Purity Copper Windings Maximizes Efficiency
- High RPM ABEC5 Oversized Bearings
- Universal fit, fits all 1/8th brushless cars-multi-mounting system for M3 screws
- Precision balanced rotor, smoothness for best reliability and maximum RPM
- Stator - SuperThin (0.2mm) Laminations
- Removable/Replaceable Rotor
- Precision Engineered for Maximum Energy Conversion



Product	Item number	Kv (RPM/Volt)	Watts	Max voltage	Max Amps	Rotor Poles	IO	Resistance	Max RPM	Motor size (mm)	Weight (g)	Shaft (mm)	Length of extend shaft	Connector
3670/2Y	SP-036700-21	2650	1600	<18.5V	86A	4	4.2A	0.0069	50000	Ø36x70	267	Ø5.0	17mm	4.0mm gold
3670/2.5Y		2150	1600	<23V	70A	4	3.0A	0.0121	50000	Ø36x70	267	Ø5.0	17mm	4.0mm gold
3670/3Y		1900	1600	<26V	60A	4	2.4A	0.0165	50000	Ø36x70	267	Ø5.0	17mm	4.0mm gold
3670/4Y		1350	1600	<37V	43A	4	1.5A	0.0281	50000	Ø36x70	267	Ø5.0	17mm	4.0mm gold
3670/5Y		1100	1600	<42V	38A	4	1.0A	0.0386	50000	Ø36x70	267	Ø5.0	17mm	4.0mm gold
3674/2Y	SP-036740-21	2250	1800	<22.2V	80A	4	4.0A	0.0076	50000	Ø36x74	297	Ø5.0	17mm	4.0mm gold
3674/2.5Y		1900	1800	<26V	70A	4	3.1A	0.0132	50000	Ø36x74	297	Ø5.0	17mm	4.0mm gold
3674/3Y		1580	1800	<32V	56A	4	2.6A	0.0161	50000	Ø36x74	297	Ø5.0	17mm	4.0mm gold
3674/3.5Y		1350	1800	<37V	50A	4	2.1A	0.0258	50000	Ø36x74	297	Ø5.0	17mm	4.0mm gold
3674/4Y		1150	1800	<42V	43A	4	1.6A	0.0298	50000	Ø36x74	297	Ø5.0	17mm	4.0mm gold

3670/3674



4068

WATERPROOF BRUSHLESS MOTOR

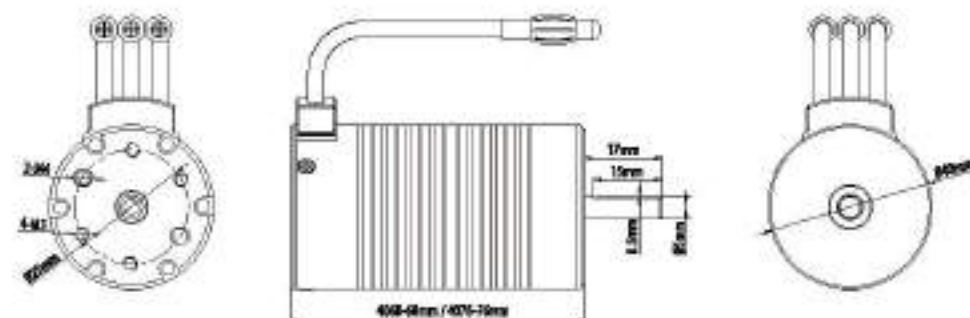


- 4 Pole 12 Slot Hi-torque Motor Design
- CNC Machined 6061 T6 Billet Aluminum Heatsink Can
- High Purity Copper Windings Maximizes Efficiency
- High RPM ABEC5 Oversized Bearings
- Universal fit, fits all 1/8th brushless cars-multi-mounting system for M3 or M4 screws
- Precision balanced rotor, smoothness for best reliability and maximum RPM
- Stator - Super Thin (0.2mm) Laminations
- Removable/Replaceable Rotor
- Precision Engineered for Maximum Energy Conversion



Product	Item number	Kv (RPM/Volt)	Watts	Max voltage	Max Amps	Rotor Poles	ID	Resistance	Max RPM	Motor size (mm)	Weight (g)	Shaft (mm)	Length of extend shaft	Connector
4068/2Y		2650	2200	<18v	122A	4	2.6A	0.0062	50000	840x68	300	Ø5	18mm	6.5mm gold
4068/2.5Y		2050	2200	<21v	105A	4	2.3A	0.0095	50000	840x68	300	Ø5	18mm	6.5mm gold
4068/3Y	SP-04068D-21	1900	2200	<23v	95A	4	1.9A	0.0104	50000	840x68	300	Ø5	18mm	6.5mm gold
4068/3.5Y		1700	2200	<26v	85A	4	1.2A	0.0148	50000	840x68	300	Ø5	18mm	6.5mm gold
4068/4Y		1400	2200	<28v	78A	4	0.8A	0.0176	50000	840x68	300	Ø5	18mm	6.5mm gold

4068/4076



F540

WATERPROOF BRUSHLESS MOTOR

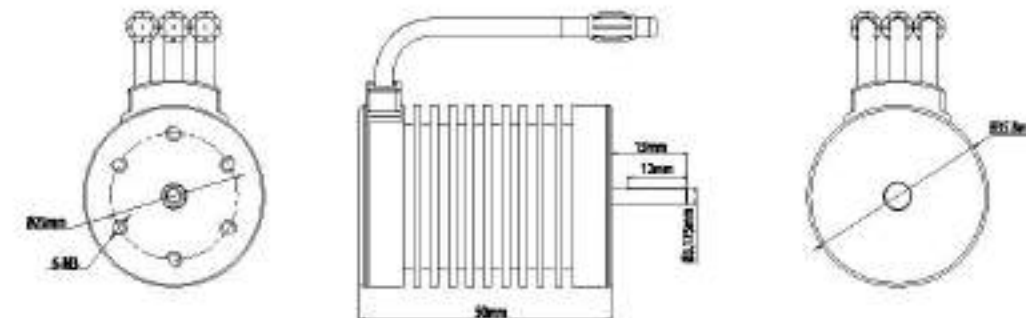


- 4 Pole 12 Slot Hi-torque Motor Design
- CNC Machined 6061 T6 Billet Aluminum Heatsink Can
- High Purity Copper Windings Maximizes Efficiency
- High RPM ABEC5 Oversized Bearings
- Universal fit, fits all 1/10th brushless cars-multi-mounting system for M3 screws
- Precision balanced rotor, smoothness for best reliability and maximum RPM
- Stator - Super Thin (0.2mm) Laminations
- Removable/Replaceable Rotor
- Precision Engineered for Maximum Energy Conversion



Product	Item number	Kv (RPM/Volt)	Watts	Max voltage	Max Amps	Rotor Poles	ID	Resistance	Max RPM	Motor size (mm)	Weight (g)	Shaft (mm)	Length of extend shaft	Connector
F540/2Y		5900	800	<9V	88A	4	5.2A	0.0104	50000	Ø35.8x50	148	Ø3.175	15mm	4.0mm gold
F540/4T		5000	800	<10V	80A	4	4.3A	0.0138	50000	Ø35.8x50	148	Ø3.175	15mm	4.0mm gold
F540/4.5T		4370	800	<12V	66A	4	3.2A	0.0185	50000	Ø35.8x50	148	Ø3.175	15mm	4.0mm gold
F540/5T		3930	800	<13V	60A	4	2.4A	0.0196	50000	Ø35.8x50	148	Ø3.175	15mm	4.0mm gold
F540/3Y	SP-028450-22	3800	800	<14V	57A	4	2.2A	0.0213	50000	Ø35.8x50	148	Ø3.175	15mm	4.0mm gold
F540/3.5Y		3100	800	<17V	47A	4	1.9A	0.0285	50000	Ø35.8x50	148	Ø3.175	15mm	4.0mm gold
F540/4Y		2800	800	<18V	45A	4	1.3A	0.0355	50000	Ø35.8x50	148	Ø3.175	15mm	4.0mm gold
F540/4.5Y		2600	800	<19V	42A	4	1.2A	0.0425	50000	Ø35.8x50	148	Ø3.175	15mm	4.0mm gold

F540



2030/2040

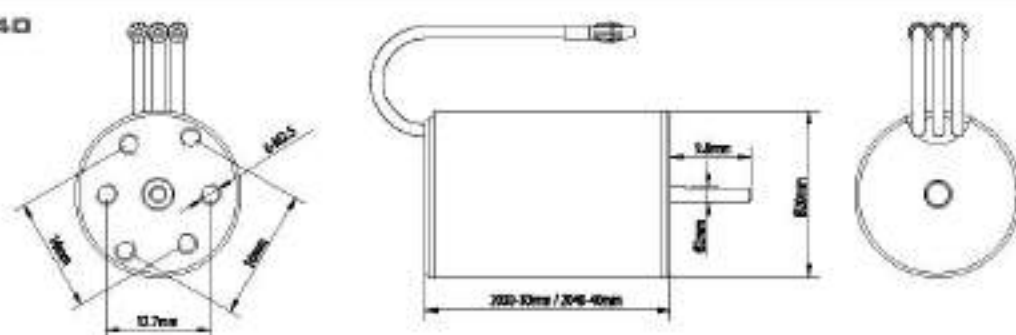
KK waterproof series **BRUSHLESS MOTOR**



- 4 Pole 6 Slot Hi-torque Motor Design
- CNC Machined 6061 T6 Billet Aluminum Heatsink Can
- High Purity Copper Windings Maximizes Efficiency
- High RPM ABEC5 Oversized Bearings
- Universal fit, fits all 1/18th, 1/20th, 1/24th brushless cars-multi-mounting system for M2.5 screws
- Precision balanced rotor, smoothness for best reliability and maximum RPM
- Stator - Super Thin (0.35mm) Laminations
- Precision Engineered for Maximum Energy Conversion

Product	Item Number	Kv (RPM/Volt)	Watts	Max voltage	Max Amps	Rotor Poles	IO	Resistance	Max RPM	Shaft (mm)	Length of extend shaft	Connector	Packing size (mm)	G.W (g)	N.W (g)
2030	SP-020300-02	7200	120	<7.2V	16A	4	2.2A	0.0365	50000	Ø2.0	10mm	3.5mm gold	90x55x35	53	33
2030		6500	120	<8.4V	14A	4	1.4A	0.0493	50000	Ø2.0	10mm	3.5mm gold	90x55x35	53	33
2030		4500	120	<12.6V	10A	4	1.0A	0.0955	50000	Ø2.0	10mm	3.5mm gold	90x55x35	53	33
2040	SP-020400-02	4480	220	<11.2V	18A	4	1.4A	0.0454	50000	Ø2.3	10mm	3.5mm gold	90x55x35	68	48
2040		3900	220	<12.6V	16A	4	0.9A	0.0604	50000	Ø2.3	10mm	3.5mm gold	90x55x35	68	48
2040		3200	220	<14.8V	13A	4	0.6A	0.0875	50000	Ø2.3	10mm	3.5mm gold	90x55x35	68	48
2040		2280	240	<16.8V	14A	4	0.6A	0.1752	50000	Ø2.3	10mm	2.0mm gold	90x55x35	68	48

2030/2040



2430/2435

2440/2445

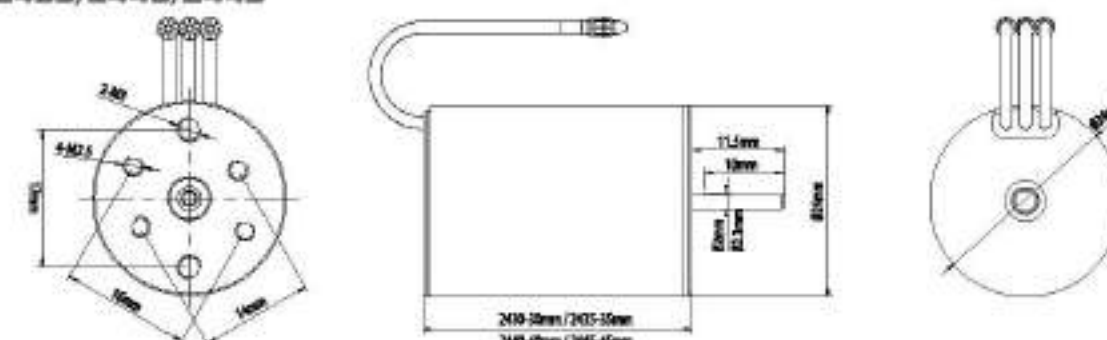
KK waterproof series **BRUSHLESS MOTOR**



- 4 Pole 12 Slot Hi-torque Motor Design
- CNC Machined 6061 T6 Billet Aluminum Heatsink Can
- High Purity Copper Windings Maximizes Efficiency
- High RPM ABEC5 Oversized Bearings
- Universal fit, fits all 1/16, 1/18 brushless cars-multi-mounting system for M2.5 or M3 screws
- Precision balanced rotor, smoothness for best reliability and maximum RPM
- Stator - Super Thin (0.35mm) Laminations
- Precision Engineered for Maximum Energy Conversion

Product	Item Number	Kv (RPM/Volt)	Watts	Max voltage	Max Amps	Rotor Poles	IO	Resistance	Max RPM	Shaft (mm)	Length of extend shaft	Connector	Packing size (mm)	G.W (g)	N.W (g)
2430	SP-024300-03	8200	200	<7.2V	28A	4	3.6A	0.0038	60000	Ø2.0	12mm	3.5mm gold	90x55x35	78	58
2430		6300	200	<8.4V	24A	4	2.3A	0.0068	60000	Ø2.0	12mm	3.5mm gold	90x55x35	78	58
2430		5800	200	<10.8V	18A	4	1.9A	0.0127	60000	Ø2.0	12mm	3.5mm gold	90x55x35	78	58
2435	SP-024350-03	6100	300	<9.6V	32A	4	2.5A	0.0032	60000	Ø2.0	12mm	3.5mm gold	90x55x35	83	63
2435		4800	300	<12.6V	24A	4	2.0A	0.0057	60000	Ø2.0	12mm	3.5mm gold	90x55x35	83	63
2435		4500	300	<13.2V	22A	4	1.7A	0.0122	60000	Ø2.0	12mm	3.5mm gold	90x55x35	83	63
2435		3300	300	<15.8V	18A	4	1.2A	0.0167	60000	Ø2.0	12mm	3.5mm gold	90x55x35	83	63
2440	SP-024400-02	6080	400	<8.4V	47A	4	3.2A	0.0032	50000	Ø2.3	12mm	3.5mm gold	90x55x35	88	68
2440		4600	400	<10.8V	37A	4	2.6A	0.0057	50000	Ø2.3	12mm	3.5mm gold	90x55x35	88	68
2440		4000	400	<12.6V	32A	4	2.2A	0.0117	50000	Ø2.3	12mm	3.5mm gold	90x55x35	88	68
2445	SP-024450-02	5400	500	<8.4V	59A	4	3.0A	0.0042	50000	Ø2.3	12mm	3.5mm gold	90x55x35	92	72
2445		3600	500	<13.2V	38A	4	2.4A	0.0065	50000	Ø2.3	12mm	3.5mm gold	90x55x35	92	72
2445		3000	500	<14.8V	32A	4	1.8A	0.0117	50000	Ø2.3	12mm	3.5mm gold	90x55x35	92	72

2430/2435/2440/2445



2838/2845

KK waterproof series **BRUSHLESS MOTOR**

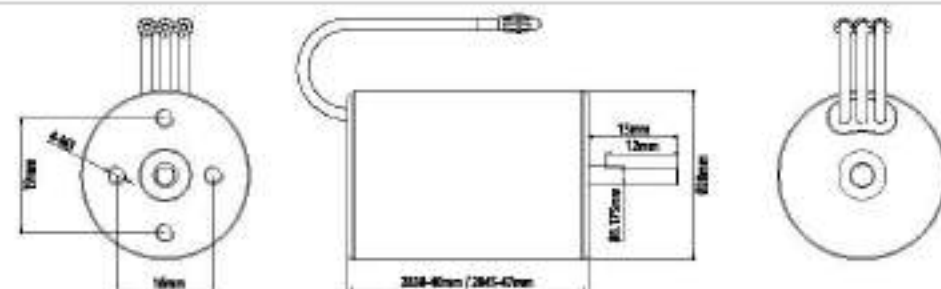


- 4 Pole 12 Slot Hi-torque Motor Design
- CNC Machined 6061 T6 Billet Aluminum Heatsink Can
- High Purity Copper Windings Maximizes Efficiency
- High RPM ABEC5 Oversized Bearings
- Universal fit, fits all 1/10th brushless cars-multi-mounting system for M3 screws
- Precision balanced rotor, smoothness for best reliability and maximum RPM
- Stator-Super Thin (0.35mm) Laminations
- Removable/Replaceable Rotor
- Precision Engineered for Maximum Energy Conversion



Product	Item Number	Kv (RPM/Volt)	Watts	Max voltage	Max Amps	Rotor Poles	IO	Resistance	Max RPM	Shaft (mm)	Length of extend shaft	Connector	Packing size (mm)	G.W (g)	N.W (g)
2838		5700	600	<8V	75A	4	2.6A	0.0147	50000	Ø3.175	15mm	3.5mm gold	90x55x35	115	95
2838		5100	600	<9V	68A	4	2.4A	0.0162	50000	Ø3.175	15mm	3.5mm gold	90x55x35	115	95
2838		4700	600	<11V	55A	4	2.0A	0.0245	50000	Ø3.175	15mm	3.5mm gold	90x55x35	115	95
2838	SP-028380-03	4400	600	<12V	50A	4	1.8A	0.0285	50000	Ø3.175	15mm	3.5mm gold	90x55x35	115	95
2838		3700	600	<13V	47A	4	1.6A	0.0315	50000	Ø3.175	15mm	3.5mm gold	90x55x35	115	95
2838		3600	600	<14V	43A	4	1.4A	0.0415	50000	Ø3.175	15mm	3.5mm gold	90x55x35	115	95
2838		3200	600	<16V	38A	4	1.2A	0.0455	50000	Ø3.175	15mm	3.5mm gold	90x55x35	115	95
2845		5900	800	<9V	88A	4	5.2A	0.0104	50000	Ø3.175	15mm	3.5mm gold	90x55x35	145	125
2845		4400	800	<10V	80A	4	4.3A	0.0138	50000	Ø3.175	15mm	3.5mm gold	90x55x35	145	125
2845		4370	800	<12V	66A	4	3.2A	0.0185	50000	Ø3.175	15mm	3.5mm gold	90x55x35	145	125
2845	SP-028450-03	3800	800	<14V	57A	4	2.2A	0.0213	50000	Ø3.175	15mm	3.5mm gold	90x55x35	145	125
2845		3100	800	<17V	47A	4	1.9A	0.0285	50000	Ø3.175	15mm	3.5mm gold	90x55x35	145	125
2845		2800	800	<18V	45A	4	1.3A	0.0355	50000	Ø3.175	15mm	3.5mm gold	90x55x35	145	125
2845		2600	800	<19V	42A	4	1.2A	0.0425	50000	Ø3.175	15mm	3.5mm gold	90x55x35	145	125

2838/2845



F540

KK waterproof series **BRUSHLESS MOTOR**

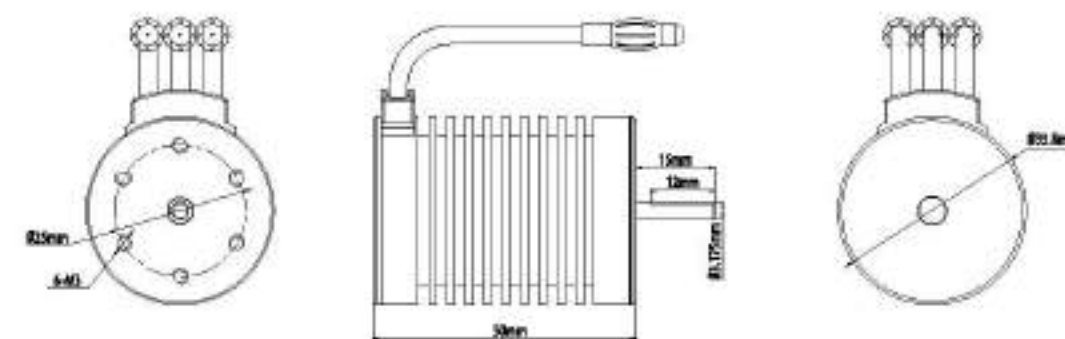


- 4 Pole 12 Slot Hi-torque Motor Design
- CNC Machined 6061 T6 Billet Aluminum Heatsink Can
- High Purity Copper Windings Maximizes Efficiency
- High RPM ABEC5 Oversized Bearings
- Universal fit, fits all 1/10th brushless cars-multi-mounting system for M3 screws
- Precision balanced rotor, smoothness for best reliability and maximum RPM
- Stator-Super Thin (0.35mm) Laminations
- Removable/Replaceable Rotor
- Precision Engineered for Maximum Energy Conversion



Product	Item Number	Kv (RPM/Volt)	Watts	Max voltage	Max Amps	Rotor Poles	IO	Resistance	Max RPM	Shaft (mm)	Length of extend shaft	Connector	Packing size (mm)	G.W (g)	N.W (g)
F540		4370	820	<12V	66A	4	3.2A	0.0185	50000	Ø3.175	15mm	4.0mm gold	110x68x42	181	148
F540		3930	820	<13V	60A	4	2.4A	0.0196	50000	Ø3.175	15mm	4.0mm gold	110x68x42	181	148
F540	SP-054000-15	3300	820	<17V	47A	4	1.9A	0.0285	50000	Ø3.175	15mm	4.0mm gold	110x68x42	181	148
F540		3000	820	<18V	45A	4	1.3A	0.0355	50000	Ø3.175	15mm	4.0mm gold	110x68x42	181	148

F540



3650

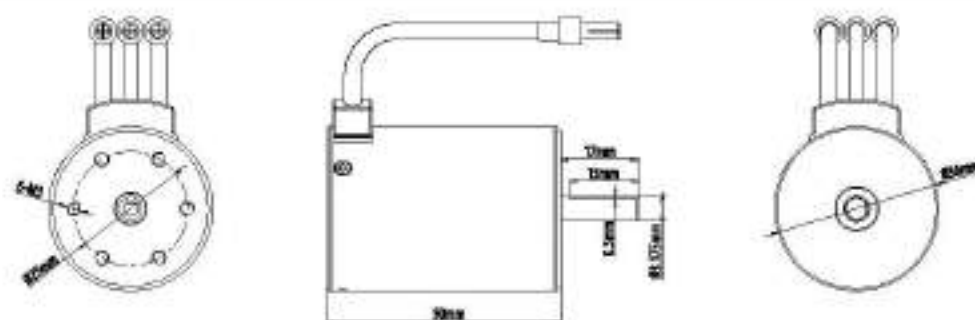
KK waterproof series BRUSHLESS MOTOR



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Product	Item Number	Kv (RPM/Volt)	Watts	Max voltage	Max Amps	Rotor Poles	IO	Resistance	Max RPM	Shaft (mm)	Length of extend shaft	Connector	Packing size (mm)	G.W (g)	N.W (g)
3650	SP-036500-12	9000	750	<8.4V	90A	4	5.8A	0.0027	70000	Ø3.175	15mm	4.0mm gold	110x68x42	216	165
3650		7700	800	<8.4V	95A	4	5.6A	0.0032	65000	Ø3.175	15mm	4.0mm gold	110x68x42	216	165
3650		6900	850	<8.4V	100A	4	5.4A	0.0037	60000	Ø3.175	15mm	4.0mm gold	110x68x42	216	175
3650	SP-036500-11	9900	900	<8.4V	107A	4	5.2A	0.0043	50000	Ø3.175	15mm	4.0mm gold	110x68x42	216	175
3650		5200	900	<9.6V	94A	4	3.7A	0.0051	50000	Ø3.175	15mm	4.0mm gold	110x68x42	216	183
3650		4500	900	<12V	75A	4	2.7A	0.0075	50000	Ø3.175	15mm	4.0mm gold	110x68x42	216	183
3650	SP-036500-10	3600	900	<13V	69A	4	2.0A	0.0081	50000	Ø3.175	15mm	4.0mm gold	110x68x42	216	183
3650		3100	900	<16V	56A	4	1.4A	0.0126	50000	Ø3.175	15mm	4.0mm gold	110x68x42	216	183
3650		2300	900	<22V	41A	4	1.2A	0.0182	50000	Ø3.175	15mm	4.0mm gold	110x68x42	216	183
3650		2050	900	<24V	38A	4	1.0A	0.0212	50000	Ø3.175	15mm	4.0mm gold	110x68x42	216	183
3650		1650	900	<30V	30A	4	0.7A	0.0318	50000	Ø3.175	15mm	4.0mm gold	110x68x42	216	183

3650



3660/3665

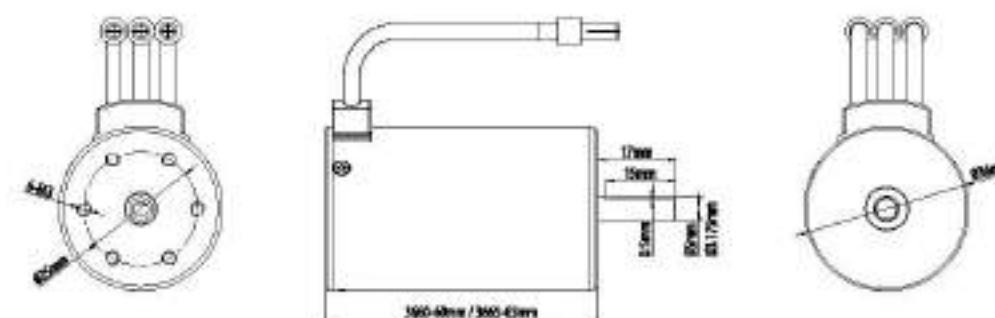
KK waterproof series BRUSHLESS MOTOR



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- Stator - Super Thin (0.35mm) Laminations
- Removable/Replaceable Rotor
- Precision Engineered for Maximum Energy Conversion

Product	Item Number	Kv (RPM/Volt)	Watts	Max voltage	Max Amps	Rotor Poles	IO	Resistance	Max RPM	Shaft (mm)	Length of extend shaft	Connector	Packing size (mm)	G.W (g)	N.W (g)
3660	SP-036600-05	4200	1200	<12V	100A	4	3.7A	0.0058	50000	Ø3.175/Ø5	17mm	4.0mm gold	110x68x42	261	228
3660		3500	1200	<13V	92A	4	2.8A	0.0083	50000	Ø3.175/Ø5	17mm	4.0mm gold	110x68x42	261	228
3660		3100	1200	<15V	80A	4	2.3A	0.0095	50000	Ø3.175/Ø5	17mm	4.0mm gold	110x68x42	261	228
3660		2600	1200	<19V	63A	4	1.5A	0.0146	50000	Ø3.175/Ø5	17mm	4.0mm gold	110x68x42	261	228
3660		2200	1200	<21V	57A	4	1.3A	0.0152	50000	Ø3.175/Ø5	17mm	4.0mm gold	110x68x42	261	228
3660		1950	1200	<26V	46A	4	1.2A	0.0231	50000	Ø3.175/Ø5	17mm	4.0mm gold	110x68x42	261	228
3660		1750	1200	<28V	43A	4	1.0A	0.0258	50000	Ø3.175/Ø5	17mm	4.0mm gold	110x68x42	261	228
3660		1400	1200	<36V	33A	4	0.7A	0.0378	50000	Ø3.175/Ø5	17mm	4.0mm gold	110x68x42	261	228
3665	SP-036650-06	3500	1400	<14.8V	95A	4	4.0A	0.0050	50000	Ø3.175/Ø5	15mm	4.0mm gold	110x68x42	278	245
3665		2900	1400	<16.8V	80A	4	3.8A	0.0061	50000	Ø3.175/Ø5	15mm	4.0mm gold	110x68x42	278	245
3665		2300	1400	<18.5V	75A	4	2.9A	0.0116	50000	Ø3.175/Ø5	15mm	4.0mm gold	110x68x42	278	245
3665		2000	1400	<23V	60A	4	1.9A	0.0162	50000	Ø3.175/Ø5	15mm	4.0mm gold	110x68x42	278	245
3665		1800	1400	<28V	52A	4	1.6A	0.0235	50000	Ø3.175/Ø5	15mm	4.0mm gold	110x68x42	278	245
3665		1550	1400	<32V	45A	4	1.2A	0.0266	50000	Ø3.175/Ø5	15mm	4.0mm gold	110x68x42	278	245

3660



3670/3674

KK waterproof series **BRUSHLESS MOTOR**

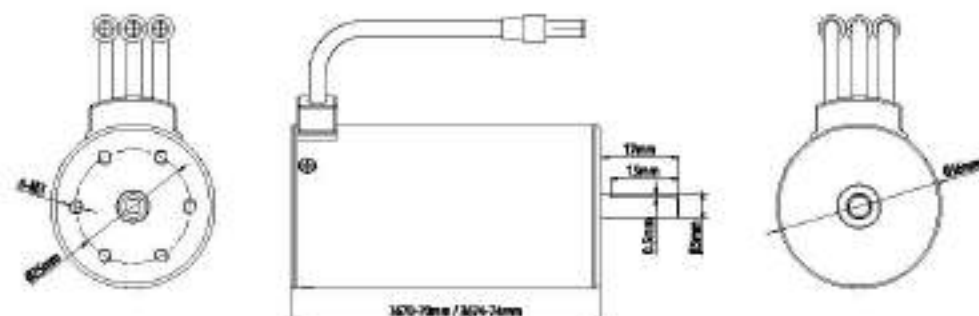


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- CNC Machined 6061 T6 Billet Aluminum Heatsink Can
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- High RPM ABEC5 Oversized Bearings
- Universal fit, fits all 1/8th brushless cars-multi-mounting system for M3 screws
- Precision balanced rotor, smoothness for best reliability and maximum RPM
- Stator - Super Thin (0.35mm) Laminations
- Removable/Replaceable Rotor
- Precision Engineered for Maximum Energy Conversion



Product	Item Number	Kv (RPM/Volt)	Watts	Max voltage	Max Amps	Rotor Poles	IO	Resistance	Max RPM	Shaft (mm)	Length of extend shaft	Connector	Packing size (mm)	G.W (g)	N.W (g)
3670	SP-036700-02	2850	1600	<16.5V	95A	4	4.3A	0.0042	50000	Ø5.0	17mm	4.0mm gold	110x68x42	300	267
3670		2650	1600	<18.5V	86A	4	4.2A	0.0069	50000	Ø5.0	17mm	4.0mm gold	110x68x42	300	267
3670		2050	1600	<23V	70A	4	3.0A	0.0121	50000	Ø5.0	17mm	4.0mm gold	110x68x42	300	267
3670		1700	1600	<26V	60A	4	2.4A	0.0165	50000	Ø5.0	17mm	4.0mm gold	110x68x42	300	267
3670		1350	1600	<37V	43A	4	1.5A	0.0281	50000	Ø5.0	17mm	4.0mm gold	110x68x42	300	267
3670		1100	1600	<42V	38A	4	1.0A	0.0386	50000	Ø5.0	17mm	4.0mm gold	110x68x42	300	267
3674	SP-036740-02	2250	1800	<22.2V	80A	4	4.0A	0.0076	50000	Ø5.0	17mm	4.0mm gold	140x85x52	352	297
3674		1900	1800	<26V	70A	4	3.1A	0.0132	50000	Ø5.0	17mm	4.0mm gold	140x85x52	352	297
3674		1580	1800	<32V	56A	4	2.6A	0.0161	50000	Ø5.0	17mm	4.0mm gold	140x85x52	352	297
3674		1350	1800	<37V	50A	4	2.1A	0.0258	50000	Ø5.0	17mm	4.0mm gold	140x85x52	352	297
3674		1150	1800	<42V	43A	4	1.6A	0.0298	50000	Ø5.0	17mm	4.0mm gold	140x85x52	352	297

3670/3674



4068/4076

KK waterproof series **BRUSHLESS MOTOR**

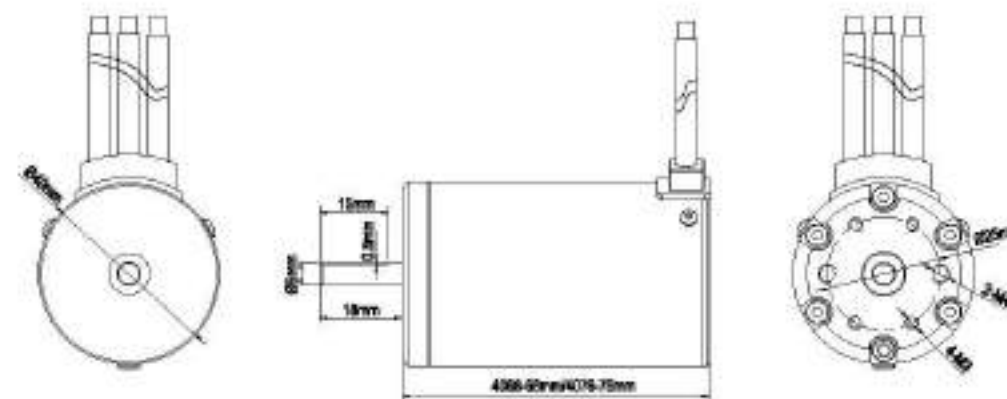


- 4 Pole 12 Slot Hi-torque Motor Design
- CNC Machined 6061 T6 Billet Aluminum Heatsink Can
- High Purity Copper Windings Maximizes Efficiency
- High RPM ABEC5 Oversized Bearings
- Universal fit, fits all 1/8 brushless cars-multi-mounting system for M3 or M4 screws
- Precision balanced rotor, smoothness for best reliability and maximum RPM
- Stator - Super Thin (0.35mm) Laminations
- Removable/Replaceable Rotor
- Precision Engineered for Maximum Energy Conversion



Product	Item Number	Kv (RPM/Volt)	Watts	Max voltage	Max Amps	Rotor Poles	IO	Resistance	Max RPM	Shaft (mm)	Length of extend shaft	Connector	Packing size (mm)	G.W (g)	N.W (g)
4068	SP-040680-03	2650	2200	<18V	122A	4	2.6A	0.0062	50000	Ø5	18mm	4.0mm gold	140x85x52	365	310
4068		2050	2200	<21V	105A	4	2.3A	0.0095	50000	Ø5	18mm	4.0mm gold	140x85x52	365	310
4068		1900	2200	<23V	95A	4	1.9A	0.0104	50000	Ø5	18mm	4.0mm gold	140x85x52	365	310
4068		1700	2200	<26V	85A	4	1.2A	0.0148	50000	Ø5	18mm	4.0mm gold	140x85x52	365	310
4068		1400	2200	<28V	78A	4	0.8A	0.0176	50000	Ø5	18mm	4.0mm gold	140x85x52	365	310
4076		2250	2800	<18V	155A	4	2.5A	0.0066	50000	Ø5	18mm	4.0mm gold	140x85x52	423	368
4076	SP-040760-04	2080	2800	<21V	135A	4	2.3A	0.0079	50000	Ø5	18mm	4.0mm gold	140x85x52	423	368
4076		1700	2800	<23V	116A	4	1.9A	0.0111	50000	Ø5	18mm	4.0mm gold	140x85x52	423	368
4076		1550	2800	<26V	108A	4	1.2A	0.0131	50000	Ø5	18mm	4.0mm gold	140x85x52	423	368
4076		1350	2800	<28V	100A	4	0.8A	0.0175	50000	Ø5	18mm	4.0mm gold	140x85x52	423	368

4068/4076



2845

WATERPROOF BRUSHLESS MOTOR

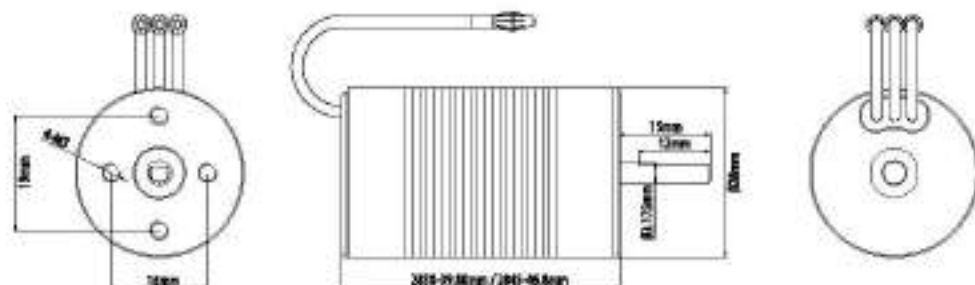


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Product	Item number	Kv (RPM/Volt)	Watts	Max voltage	Max Amps	Rotor Poles	IO	Resistance	Max RPM	Motor size (mm)	Weight (g)	Shaft (mm)	Length of extend shaft	Connector
2845/2Y		5900	800	<9V	88A	4	5.2A	0.0104	50000	Ø28x47	125	Ø3.175	15mm	3.5mm gold
2845/4T		5000	800	<10V	80A	4	4.3A	0.0138	50000	Ø28x47	125	Ø3.175	15mm	3.5mm gold
2845/4.5T		4370	800	<12V	66A	4	3.2A	0.0185	50000	Ø28x47	125	Ø3.175	15mm	3.5mm gold
2845/5T	SP-028450-02	3930	800	<13V	60A	4	2.4A	0.0196	50000	Ø28x47	125	Ø3.175	15mm	3.5mm gold
2845/3Y		3800	800	<14V	57A	4	2.2A	0.0213	50000	Ø28x47	125	Ø3.175	15mm	3.5mm gold
2845/3.5Y		3100	800	<17V	47A	4	1.9A	0.0285	50000	Ø28x47	125	Ø3.175	15mm	3.5mm gold
2845/4Y		2800	800	<18V	45A	4	1.3A	0.0355	50000	Ø28x47	125	Ø3.175	15mm	3.5mm gold
2845/4.5Y		2600	800	<19V	42A	4	1.2A	0.0425	50000	Ø28x47	125	Ø3.175	15mm	3.5mm gold

2845



F540

WATERPROOF BRUSHLESS MOTOR

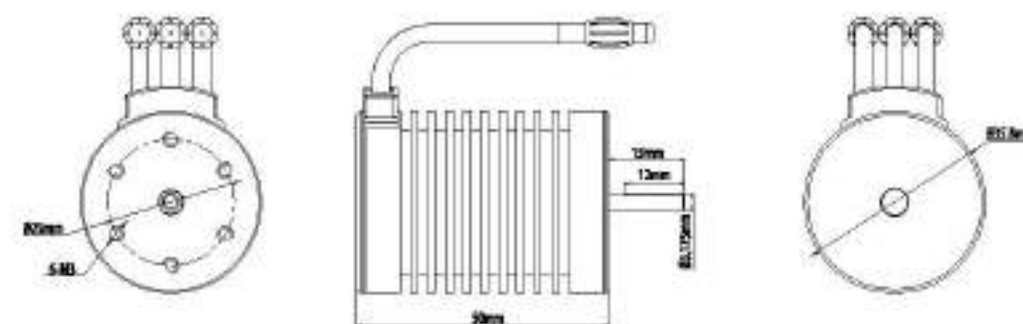


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Product	Item number	Kv (RPM/Volt)	Watts	Max voltage	Max Amps	Rotor Poles	IO	Resistance	Max RPM	Motor size (mm)	Weight (g)	Shaft (mm)	Length of extend shaft	Connector
F540/2Y		5900	800	<9V	88A	4	5.2A	0.0104	50000	Ø35.8x50	148	Ø3.175	15mm	4.0mm gold
F540/4T		5000	800	<10V	80A	4	4.3A	0.0138	50000	Ø35.8x50	148	Ø3.175	15mm	4.0mm gold
F540/4.5T		4370	800	<12V	66A	4	3.2A	0.0185	50000	Ø35.8x50	148	Ø3.175	15mm	4.0mm gold
F540/5T	SP-054000-00	3930	800	<13V	60A	4	2.4A	0.0196	50000	Ø35.8x50	148	Ø3.175	15mm	4.0mm gold
F540/3Y		3800	800	<14V	57A	4	2.2A	0.0213	50000	Ø35.8x50	148	Ø3.175	15mm	4.0mm gold
F540/3.5Y		3100	800	<17V	47A	4	1.9A	0.0285	50000	Ø35.8x50	148	Ø3.175	15mm	4.0mm gold
F540/4Y		2800	800	<18V	45A	4	1.3A	0.0355	50000	Ø35.8x50	148	Ø3.175	15mm	4.0mm gold
F540/4.5Y		2600	800	<19V	42A	4	1.2A	0.0425	50000	Ø35.8x50	148	Ø3.175	15mm	4.0mm gold

F540



3650

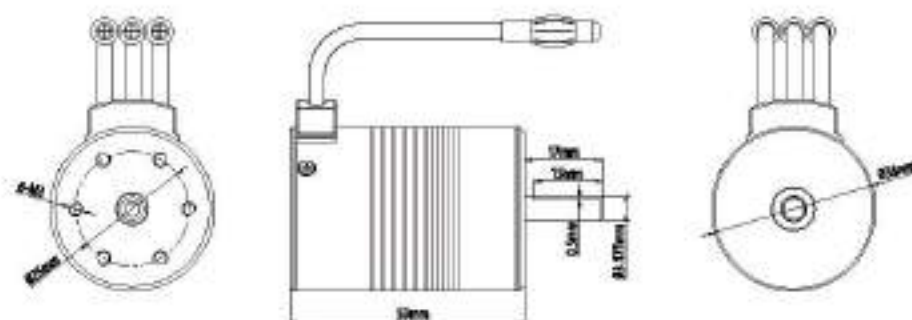
WATERPROOF BRUSHLESS MOTOR



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Product	Item number	Kv (RPM/Volt)	Watts	Max voltage	Max Amps	Rotor Poles	IO	Resistance	Max RPM	Motor size (mm)	Weight (g)	Shaft (mm)	Length of extend shaft	Connector
3650/3T	SP-036500-07	5900	900	<8.4V	107A	4	5.2A	0.0043	50000	Ø36x50	180	Ø3.175	15mm	4.0mm gold
3650/3.5T		5200	900	<9.6V	94A	4	3.7A	0.0051	50000	Ø36x50	180	Ø3.175	15mm	4.0mm gold
3650/4T	SP-036500-03	4300	900	<12V	75A	4	2.7A	0.0075	50000	Ø36x50	180	Ø3.175	15mm	4.0mm gold
3650/4.5T		3900	900	<13V	69A	4	2.0A	0.0081	50000	Ø36x50	180	Ø3.175	15mm	4.0mm gold
3650/3Y		3100	900	<16V	56A	4	1.4A	0.0126	50000	Ø36x50	180	Ø3.175	15mm	4.0mm gold
3650/3.5Y		2300	900	<22V	41A	4	1.2A	0.0182	50000	Ø36x50	180	Ø3.175	15mm	4.0mm gold
3650/4Y		2050	900	<24V	38A	4	1.0A	0.0212	50000	Ø36x50	180	Ø3.175	15mm	4.0mm gold
3650/5Y		1650	900	<30V	30A	4	0.7A	0.0318	50000	Ø36x50	180	Ø3.175	15mm	4.0mm gold

3650



3660/3665

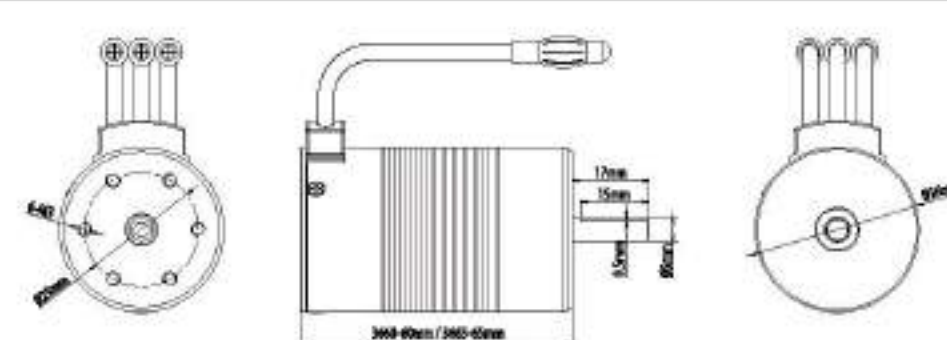
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- High Purity Copper Windings Maximizes Efficiency
- High RPM ABEC5 Oversized Bearings
- Universal fit, fits all 1/10th brushless cars-multi-mounting system for M3 screws
- Precision balanced rotor, smoothness for best reliability and maximum RPM
- Stator - Super Thin (0.35mm) Laminations
- Removable/Replaceable Rotor
- Precision Engineered for Maximum Energy Conversion

Product	Item number	Kv (RPM/Volt)	Watts	Max voltage	Max Amps	Rotor Poles	IO	Resistance	Max RPM	Motor size (mm)	Weight (g)	Shaft (mm)	Length of extend shaft	Connector
3660/3T	SP-036600-02	4300	1200	<12V	100A	4	3.7A	0.0058	50000	Ø36x55	219	Ø5.0	17mm	4.0mm gold
3660/3.5T		3800	1200	<13V	92A	4	2.8A	0.0083	50000	Ø36x55	219	Ø5.0	17mm	4.0mm gold
3660/4T		3300	1200	<15V	80A	4	2.3A	0.0095	50000	Ø36x55	219	Ø5.0	17mm	4.0mm gold
3660/5T		2600	1200	<19V	63A	4	1.5A	0.0146	50000	Ø36x55	219	Ø5.0	17mm	4.0mm gold
3660/3Y	SP-036650-02	2350	1200	<21V	57A	4	1.3A	0.0152	50000	Ø36x55	219	Ø5.0	17mm	4.0mm gold
3660/3.5Y		1950	1200	<26V	46A	4	1.2A	0.0231	50000	Ø36x55	219	Ø5.0	17mm	4.0mm gold
3660/4Y		1750	1200	<28V	43A	4	1.0A	0.0258	50000	Ø36x55	219	Ø5.0	17mm	4.0mm gold
3660/5Y		1400	1200	<36V	33A	4	0.7A	0.0378	50000	Ø36x55	219	Ø5.0	17mm	4.0mm gold
3665/2Y	SP-036650-02	3100	1400	<16.8V	80A	4	3.8A	0.0061	50000	Ø36x65	245	Ø5.0	15mm	4.0mm gold
3665/2.5Y		2600	1400	<18.5V	75A	4	2.9A	0.0116	50000	Ø36x65	245	Ø5.0	15mm	4.0mm gold
3665/3Y		2100	1400	<23V	60A	4	1.9A	0.0162	50000	Ø36x65	245	Ø5.0	15mm	4.0mm gold
3665/3.5Y		1800	1400	<28V	52A	4	1.6A	0.0235	50000	Ø36x65	245	Ø5.0	15mm	4.0mm gold
3665/4Y		1550	1400	<32V	45A	4	1.2A	0.0266	50000	Ø36x65	245	Ø5.0	15mm	4.0mm gold

3660/3665



540

3 SLOT/5 SLOT BRUSHED MOTOR



- High Purity Copper Windings Maximizes Efficiency
- High RPM Oversized Bearings
- Precision balanced rotor, smoothness for best reliability and maximum RPM
- Removable/Replaceable Rotor
- Rebuildable with an easily accessible commutator and replaceable brushes and springs
- High strength magnets for unmatched brush-motor performance
- Specifically designed for R/C vehicles that require precise movement control
- Excellent torque and long-run times
- Direct-Solder Wiring Tabs for flexible soldering options
- Dual-ball Bearings Design



Product	Voltage (LiPo)	No-load current	No-load RPM	Plugging current	Torsion	Turn	Weight (g)	Shaft (mm)	Turns
540/3 Slot	7.2V	≤50A	29000±10%	≤31A	≥440.cm	CCW	165	Ø3.175	13
540/3 Slot	7.2V	≤4.2A	26000±10%	≤105A	≥1700.cm	CCW	165	Ø3.175	17
540/3 Slot	7.2V	≤2.8A	20000±10%	≤105A	≥1800.cm	CCW	165	Ø3.175	19
540/3 Slot	7.2V	≤2.8A	20000±10%	≤105A	≥1800.cm	CCW	165	Ø3.175	21
540/3 Slot	9.6V	≤2.8A	24500±10%	≤120A	≥2000.cm	CCW	165	Ø3.175	23
540/3 Slot	7.2V	≤2.7A	16800±10%	≤84A	≥1800.cm	CCW	165	Ø3.175	27
540/3 Slot	7.2V	≤1.9A	14500±10%	≤47A	≥1400.cm	CCW	165	Ø3.175	30
540/3 Slot	7.2V	≤1.7A	12800±10%	≤56A	≥1700.cm	CCW	165	Ø3.175	35
540/3 Slot	7.2V	≤1.4A	11500±10%	≤40A	≥1600.cm	CCW	165	Ø3.175	40
540/3 Slot	7.2V	≤1.4A	9800±8%	≤51A	≥1700.cm	CCW	165	Ø3.175	45
540/3 Slot	7.2V	≤1.0A	8100±10%	≤38.5A	≥1700.cm	CCW	165	Ø3.175	55
540/3 Slot	9.6V	≤0.85A	9100±8%	≤38A	≥2500.cm	CCW	165	Ø3.175	60
540/3 Slot	7.2V	≤1.1A	6800±8%	≤24.2A	≥1700.cm	CCW	165	Ø3.175	65
540/3 Slot	7.2V	≤0.85A	5300±8%	≤20.4A	≥1500.cm	CCW	165	Ø3.175	80
540/5 Slot	7.4V	0.8-1.32A	11700±10%RPM	37-52A	≥2000g.cm	CCW	165	Ø3.175	20
540/5 Slot	7.4V	1.06-1.50A	13700±10%RPM	53-75A	≥2300g.cm	CCW	165	Ø3.175	16
540/5 Slot	7.4V	1.3-1.9A	16700±10%RPM	62-96A	≥2600g.cm	CCW	165	Ø3.175	13
540/5 Slot	7.4V	1.85-2.65A	19800±10%RPM	88-125A	≥2800g.cm	CCW	165	Ø3.175	11

TS120/TS160/TS220

BRUSHLESS SPEED CONTROLLER FOR CAR



Model	TS120	TS160	TS220
Item Number	ZT-100006-02	ZT-100006-04	ZT-100014-01
Cont. Current	120A	160A	220A
Burst Current	760A	760A	1000A
Suitable Car	1:10/1:12 Car	1:10/1:12 Car	1:8 Car
Battery cell	2-3s Lipo/ 5-10s NiMH	2-3s Lipo/ 5-10s NiMH	8-18NC/3-6s Lipo
BEC Output	6V/3A	6V/3A	6.0V/7.4V Adjustable/8A
Dimension(LxWxH)	41.5x37x21mm	41.5x37x21mm	55x40x34mm
Weight(g)	102g	102g	146g

Working as an USB adapter to link the ESC with PC to update the firmware or set the parameters on PC.



- Enhanced throttle response, excellent acceleration, linearity and driveability.
- Using advanced PC interface to set up or update the firmware.
- Using LCD program card to make adjustments.
- Throttle curve and punch rate adjustment
- Dynamic boost timing and turbo timing adjustment.
- Brake curve and brake rate adjustment.
- Dynamic running data log.
- Multiple protection features: Low voltage cut-off protection, over-heat protection and throttle signal loss protection.

45A/60A

BRUSHLESS SPEED CONTROLLER FOR CAR



- Specially designed for RC car with excellent start-up, acceleration and linearity features.
- Compatible with sensorless brushless motor.
- The strong resistant current capability, excellent heat dissipation.
- Multiple protection features: Low voltage cut-off protection for lithium or nickel battery / Over-heat protection / Throttle signal loss protection / Motor blocked protection /
- Easily programmed and compatible with pocket-sized program card.



Connect to Battery



Connect to motor



Connect to Receiver



Switch

Model	45A	60A
Item Number	KS-100001-08	KS-100002-08
Cont. Current/ Burst Current	45A/180A	60A/320A
Motor Type	Sensorless Brushless Motor	
Suitable Car	1/10 car	1/10 car
Suitable Brushless Motor	>=9T	>=9T
Resistance	0.0014ohm	0.0007ohm
Battery	2~3 cells Lipo 4~9 cells NiMH	2~3 cells Lipo 4~9 cells NiMH
BEC Output	5.8V/3A (switch mode)	5.8V/3A (switch mode)
Dimensions	50x31x35mm	50x31x35mm
Weight(g)	82g	82g

45A/60A/80A

BRUSHLESS SPEED CONTROLLER FOR CAR



- Water-proof and dust-proof for all-weather races; (Note: please uninstall the cooling fan before using this ESC in water; Clean and dry it soon after the use for avoiding the connectors get rusty.)
- Specially designed for RC car with excellent start-up, acceleration and linearity features.
- Compatible with sensorless brushless motor.
- The strong resistant current capability, excellent heat dissipation.
- Multiple protection features: Low voltage cut-off protection for lithium or nickel battery / Over-heat protection / Throttle signal loss protection / Motor blocked protection /
- Easily programmed and compatible with pocket-sized program card.



Connect to Battery



Connect to motor



Connect to Receiver



Switch

Model	45A	60A	80A
Item Number	KS-300001-10	KS-300001-11	KS-300001-12
Cont. Current/ Burst Current	45A/240A	60A/360A	80A/480A
Motor Type	Sensorless Brushless Moto For 2S Lipo or 6 cells NiMH: 1. on-road: 3656-size or smaller motor with the KV<5600 2. Off-road / Buggy / Monster: 3660-size or smaller motor with the KV<3800 For 3S Lipo or 9 cells NiMH: 1. On-road: 3660-size or smaller motor with the KV<3800 2. Off-road / Buggy / Monster: 3660-size or smaller motor with the KV<2600.	Sensorless Brushless Moto For 2S Lipo or 6 cells NiMH: 1. on-road: 3660-size or smaller motor with the KV<6000 2. Off-road / Buggy / Monster: 3660-size or smaller motor with the KV<4000 For 3S Lipo or 9 cells NiMH: 1. On-road: 3660-size or smaller motor with the KV<4000 2. Off-road / Buggy / Monster: 3660-size or smaller motor with the KV<3000.	Sensorless Brushless Moto For 2S Lipo or 6 cells NiMH: 1. on-road: 3670-size or smaller motor with the KV<3000 2. Off-road / Buggy / Monster: 3670-size or smaller motor with the KV<3000 For 3S Lipo or 9 cells NiMH: 1. On-road: 3670-size or smaller motor with the KV<3000 2. Off-road / Buggy / Monster: 3670-size or smaller motor with the KV<2500.
Suitable Car	1/10 car	1/10 car	1/10 car 1/8car
Resistance	0.0014ohm	0.0007ohm	0.0005ohm
Battery	2~3 cells Lipo / 4~9 cells NiMH		2~4 cells Lipo / 4~12 cells NiMH
BEC Output	5.8V/3A (switch mode)		6.1V/3A (switch mode)
Dimensions / Weight	51.5x38.5x38.5mm / 76g		51.5x38.5x38.5mm / 84g

120A

BRUSHLESS SPEED CONTROLLER FOR CAR



- Water-proof and dust-proof for all-weather races; (Note: please uninstall the cooling fan before using this ESC in water; Clean and dry it soon after the use for avoiding the connectors get rusty.)
- Specially designed for RC car with excellent start-up, acceleration and linearity features.
- Compatible with sensorless brushless motor.
- The strong resistant current capability, excellent heat dissipation.
- Multiple protection features: Low voltage cut-off protection for lithium or nickel battery / Over-heat protection / Throttle signal loss protection / Motor blocked protection /
- Easily programmed and compatible with pocket-sized program card.



Connect to Battery



Connect to motor



Connect to Receiver



Switch

Model	120A
Item Number	KS-300001-13
Cont. Current/ Burst Current	120A/600A
Motor Type	Sensorless Brushless Motor For 4S Lipo or 12 cells NiMH: 1. on-road: 40XX-size or smaller motor with the KV<3000 2. Off-road / Buggy / Monster: 40XX-size or smaller motor with the KV<2500 For 6S Lipo or 18 cells NiMH: 1. On-road: 40XX-size or smaller motor with the KV<2500 2. Off-road / Buggy / Monster: 40XX-size or smaller motor with the KV<2000.
Suitable Car	1/8 car
Resistance	0.00035ohm
Battery	3~6 cells Lipo / 9~18 cells NiMH
BEC Output	6.1V/3A (switch mode)
Dimensions / Weight	160x100x62mm/136g

45A/60A

BRUSHLESS SPEED CONTROLLER FOR CAR



- Enhanced throttle response, excellent acceleration, strong brakes and throttle linearity
- Using advanced software interface to set up or update the software
- Using both of LCD and LED program card to make adjustments.
- Multiple protection features: Low voltage cut-off protection, over-heat protection and throttle signal loss protection
- Compatible with NOVAK, ROCKET, LRP, ORION brushless motor



Connect to Battery



Connect to motor



Connect to Receiver



Switch



Model	Rocket 45A	Rocket 60A
Item Number	ZT-100001-01	ZT-100002-01
Cont. Current	45A	60A
Burst Current	260A	380A
Resistance	0.0010ohm	0.0007ohm
Suitable Car	1:10 on-road and off-road cars/trucks, SCT	
Motor Type	4 Pole Sensorless Brushless Motor	
Suitable Brushless Motor	4P SL 3650	
Battery cell	2-3S Lipo/5-12S Cell NiXX(NiMH/NiCd)	2-4S Lipo/5-12S Cell NiXX(NiMH/NiCd)
BEC Output	6V/3A	
Dimension(without fan)	45x32x37mm	45x32x37mm
Weight(g)	90g	102g

80A/120A

BRUSHLESS SPEED CONTROLLER FOR CAR



- Enhanced throttle response, excellent acceleration, strong brakes and throttle linearity
- Using LED program card to make adjustments.
- Multiple protection features: Low voltage cut-off protection, over-heat protection and throttle signal loss protection
- Compatible with most of brushless motor



Connect to Battery



Connect to motor



Connect to Receiver



Switch

Model	Rocket 80A	Rocket 120A
Item Number	ZT-100003-01	ZT-100003-02
Cont. Current	80A	120A
Burst Current	570A	760A
Resistance	0.0003ohm	0.0003ohm
Suitable Car	1:10 scale short course, on and off road racer	
Motor Type	4 Pole Sensorless brushless motor	
Suitable Brushless Motor	4P 5L 3660 3.5D 3000KV	4P 5L 3660 2.5D 4200KV
Battery cell	2-4S Lipo/5-12S Cell NiCd(NiMH/NiCd)	2-4S Lipo/5-12S Cell NiCd(NiMH/NiCd)
BEC Output	6V/3A	
Dimension(without fan)	52x38x36mm	
Weight(g)	107	

120A/150A

BRUSHLESS SPEED CONTROLLER FOR CAR



- Enhanced throttle response, excellent acceleration, linearity and driveability
- Using advanced PC interface to set up or update the firmware
- Using both of LED and LCD program card to make adjustments.
- Adjustable BEC output 6.0V/8.4V
- Multiple protection features: Low voltage cut-off protection, over-heat protection and throttle signal loss protection
- Compatible with NOVAK, ROCKET, LRP, ORION brushless motor



Connect to Battery



Connect to motor



Connect to Receiver



Switch

Model	Rocket 120A	Rocket 150A
Item Number	ZT-100004-02	ZT-100005-01
Cont. Current	120A	150A
Burst Current	760A	1080A
Resistance	0.0003ohm	0.0002ohm
Suitable Car	1:8 on-road and off-road cars/trucks for general race or RTR application	1:5&1:8 on-road and off-road cars/trucks for competitive race
Motor Type	4 Pole Sensorless and Sensored Brushless Motor	
Suitable Brushless Motor	4P 3674 3.5D 2150KV	4P 4074 2Y 2150KV
Battery cell	2-6S Lipo/5-18S NiMH/NiCd	
BEC Output	6.0V,8.4V adjustable/3A	
Dimension(without fan)	55x48x37mm	55x48x37mm
Weight(g)	142g	159g

45A/60A

BRUSHLESS SPEED CONTROLLER FOR CAR



- Water-proof and dust-proof for all-weather races; (Note: please uninstall the cooling fan before using this ESC in water; Clean and dry it soon after the use for avoiding the connectors get rusty.)
- Specially designed for RC car with excellent start-up, acceleration and linearity features.
- Compatible with sensorless brushless motor.
- The strong resistant current capability, excellent heat dissipation.
- Multiple protection features: Low voltage cut-off protection for lithium or nickel battery / Over-heat protection / Throttle signal loss protection / Motor blocked protection /
- Easily programmed and compatible with pocket-sized program card.



Connect to Battery



Connect to motor



Connect to Receiver



Switch

Model	45A	60A
Item Number	KS-300001-01	KS-300001-02
Cont. Current/ Burst Current	45A/240A	60A/360A
Motor Type	Sensorless Brushless Moto For 2S Lipo or 6 cells NiMH: 1. on-road: 3656-size or smaller motor with the KV<5600 2. Off-road / Buggy / Monster: 3656-size or smaller motor with the KV<3900 For 3S Lipo or 9 cells NiMH: 1. On-road: 3656-size or smaller motor with the KV<3800 2. Off-road / Buggy / Monster: 3656-size or smaller motor with the KV<2700.	Sensorless Brushless Moto For 2S Lipo or 6 cells NiMH: 1. on-road: 3660-size or smaller motor with the KV<6000 2. Off-road / Buggy / Monster: 3660-size or smaller motor with the KV<4000 For 3S Lipo or 9 cells NiMH: 1. On-road: 3660-size or smaller motor with the KV<4000 2. Off-road / Buggy / Monster: 3656-size or smaller motor with the KV<3000.
Suitable Car	1/10 car	1/10 car
Resistance	0.0014ohm	0.0007ohm
Battery	2~3 cells Lipo 4~9 cells NiMH	
BEC Output	5.8V/3A (switch mode)	
Dimensions / Weight	51.5x38.5x38.5mm / 90g	

25A/35A

BRUSHLESS SPEED CONTROLLER FOR CAR



- Water-proof and dust-proof for all-weather races; (Note: please uninstall the cooling fan before using this ESC in water; Clean and dry it soon after the use for avoiding the connectors get rusty.)
- Specially designed for RC car with excellent start-up, acceleration and linearity features.
- Compatible with sensorless brushless motor.
- The strong resistant current capability, excellent heat dissipation.
- Multiple protection features: Low voltage cut-off protection for lithium or nickel battery / Over-heat protection / Throttle signal loss protection / Motor blocked protection /
- Easily programmed and compatible with pocket-sized program card.



Connect to Battery



Connect to motor



Connect to Receiver



Switch

Model	25A	35A
Item Number	KS-300003-01	KS-300003-02
Cont. Current/ Burst Current	25A/100A	35A/120A
Motor Type	Sensorless Brushless Moto For 2S Lipo or 6 cells NiMH: 1. on-road: 24XX-size or smaller motor with the KV<7200 2. Off-road / Buggy / Monster: 24XX-size or smaller motor with the KV<4800	Sensorless Brushless Moto For 2S Lipo or 6 cells NiMH: 1. on-road: 28XX-size or smaller motor with the KV<6000 2. Off-road / Buggy / Monster: 28XX-size or smaller motor with the KV<4000 For 3S Lipo or 9 cells NiMH: 1. On-road: 28XX-size or smaller motor with the KV<4000 2. Off-road / Buggy / Monster: 28XX-size or smaller motor with the KV<3000.
Suitable Car	1/20, 1/18, 1/16 car	1/16, 1/14 car
Resistance	0.0014ohm	0.0007ohm
Battery	2 cells Lipo / 4~6 cells NiMH	2~3 cells Lipo / 4~9 cells NiMH
BEC Output	5.0V/2A (analog mode)	
Dimensions / Weight	40x32x15/33g	40x32x20/37g

45A/60A/80A

BRUSHLESS SPEED CONTROLLER FOR CAR



- Water-proof and dust-proof for all-weather races; (Note: please uninstall the cooling fan before using this ESC in water; Clean and dry it soon after the use for avoiding the connectors get rusty.)
- Specially designed for RC car with excellent start-up, acceleration and linearity features.
- Compatible with sensorless brushless motor.
- The strong resistant current capability, excellent heat dissipation.
- Multiple protection features: Low voltage cut-off protection for lithium or nickel battery / Over-heat protection / Throttle signal loss protection / Motor blocked protection/
- Easily programmed and compatible with pocket-sized program card.



Connect to Battery



Connect to motor



Connect to Receiver



Switch

Model	45A	60A	80A
Item Number	KS-300003-03	KS-300003-04	KS-300003-05
Cont. Current/ Burst Current	45A/240A	60A/360A	80A/480A
Motor Type	Sensorless Brushless Moto For 2S Lipo or 6 cells NiMH: 1. on-road: 3656-size or smaller motor with the KV<5600 2. Off-road / Buggy / Monster: 3660-size or smaller motor with the KV<3800 For 3S Lipo or 9 cells NiMH: 1. On-road: 3660-size or smaller motor with the KV<3800 2. Off-road / Buggy / Monster: 3660-size or smaller motor with the KV<2600.	Sensorless Brushless Moto For 2S Lipo or 6 cells NiMH: 1. on-road: 3660-size or smaller motor with the KV<6000 2. Off-road / Buggy / Monster: 3660-size or smaller motor with the KV<4000 For 3S Lipo or 9 cells NiMH: 1. On-road: 3660-size or smaller motor with the KV<4000 2. Off-road / Buggy / Monster: 3660-size or smaller motor with the KV<3000.	Sensorless Brushless Moto For 2S Lipo or 6 cells NiMH: 1. on-road: 3670-size or smaller motor with the KV<3000 2. Off-road / Buggy / Monster: 3670-size or smaller motor with the KV<3000 For 3S Lipo or 9 cells NiMH: 1. On-road: 3670-size or smaller motor with the KV<3000 2. Off-road / Buggy / Monster: 3670-size or smaller motor with the KV<2500.
Suitable Car	1/10 car	1/10 car	1/10 car 1/8car
Resistance	0.0014ohm	0.0007ohm	0.0005ohm
Battery	2~3 cells Lipo / 4~9 cells NiMH		2~4 cells Lipo / 4~12 cells NiMH
BEC Output	5.8V/3A (switch mode)		6.1V/3A (switch mode)
Dimensions / Weight	51.5x38.5x38.5mm /76g		51.5x38.5x38.5mm /84g

120A/150A

BRUSHLESS SPEED CONTROLLER FOR CAR



- Water-proof and dust-proof for all-weather races; (Note: please uninstall the cooling fan before using this ESC in water; Clean and dry it soon after the use for avoiding the connectors get rusty.)
- Specially designed for RC car with excellent start-up, acceleration and linearity features.
- Compatible with sensorless brushless motor.
- The strong resistant current capability, excellent heat dissipation.
- Multiple protection features: Low voltage cut-off protection for lithium or nickel battery / Over-heat protection / Throttle signal loss protection / Motor blocked protection/
- Easily programmed and compatible with pocket-sized program card.



Connect to Battery



Connect to motor



Connect to Receiver



Switch

Model	120A	150A
Item Number	KS-300003-06	KS-300003-07
Cont. Current/ Burst Current	120A/600A	150A/720A
Motor Type	Sensorless Brushless Moto For 4S Lipo or 12 cells NiMH: 1. on-road: 40XX-size or smaller motor with the KV<3000 2. Off-road / Buggy / Monster: 40XX-size or smaller motor with the KV<2500 For 6S Lipo or 18 cells NiMH: 1. On-road: 40XX-size or smaller motor with the KV<2500 2. Off-road / Buggy / Monster: 40XX-size or smaller motor with the KV<2000.	Sensorless Brushless Moto For 4S Lipo or 12 cells NiMH: 1. on-road: 42XX-size or smaller motor with the KV<3000 2. Off-road / Buggy / Monster: 42XX-size or smaller motor with the KV<2500 For 6S Lipo or 18 cells NiMH: 1. On-road: 42XX-size or smaller motor with the KV<2500 2. Off-road / Buggy / Monster: 42XX-size or smaller motor with the KV<2000.
Suitable Car	1/8 car	1/8 car
Resistance	0.00035ohm	0.00030ohm
Battery	3~6 cells Lipo / 9~18 cells NiMH	
BEC Output	6.1V/3A (switch mode)	6.1or7.4V/3A (switch mode)
Dimensions / Weight	160x100x62mm/136g	160x100x62mm/148g

ROCKET LED PROGRAMMING CARD

FOR 1/10th & 1/18th Brushless ESC.



Dimension: 70x45x13mm (LxWxH)
Weight: 23g

Item Number: ZT-100010-01

ROCKET LCD PROGRAMMING CARD

LCD Programming Card for RC Car & Boat Speed Control

- It is applicable for gecko seal electronic speed control.
- It is convenient for you to program with LCD display.
- Working as an USB adapter to link the ESC with PC, to update the firmware of ESC and set the parameters of ESC on PC.
- Working as an individual device to set the parameters of ESC, It is very simple to use.

Dimension: 91x54x18mm (LxWxH)
Power supply: DC 5.0V ~ 12.0V
Weight: 68g



Item Number: ZT-100011-01

SURPASS HOBBY LED PROGRAMMING CARD

LED programming cards for RC brushless electronic speed control

- Facile da usare • Peso leggero • Design portatile
- Appositamente progettato per brushless ESC sellati nel nostro deposito
- Max reverse forza: 25%, 50%, 75%, 100%
- Modalità di avvio: Medio, morbido, forte
- Max forza frenante: 25%, 50%, 75%, 100%
- A bassa tensione cut-off: 3.1 v/Cell 2.8 v/Cell 3.3 v/Cell No cut-off
- Neutro gamma: 6%, 9%, 12%, stato di lavoro

Dimension: 61x48x6.5mm (LxWxH)
Weight: 20g



Red
KS-100010-02

Black
KS-100010-01

White
KS-100010-00

ALUMINUM FAN



Rocket 30mm aluminum fan rotates at 28000rpm @ 7.4V whilst using just 0.65A



Reverse polarity protected

4 COLOURS

Black&Red	SP-360003-11
Black&Gold	SP-360003-12
Black&Orange	SP-360003-13
Black&Silver	SP-360003-14



Rocket 40mm aluminum fan rotates at 16000rpm @ 8.5V whilst using just 0.65A

Reverse polarity protected

ALUMINUM HEATSINK

3 COLOURS



SP-100001-11

SP-100001-12

SP-100001-13

21000RPM Aluminum Heatsink with Cooling Fan for 1/10th 540/3650 size motors

MODEL CAR GEAR



APERTURE 3.175MM ALUMINUM PINION GEAR

64DP MODEL CAR GEAR
21T-50T

48DP MODEL CAR GEAR
16T-41T

32DP MODEL CAR GEAR
12T-20T

MO.6
MO.6 MODEL CAR GEAR
13T-33T

M1
M1 MODEL CAR GEAR
11T-22T

32DP
32DP MODEL CAR GEAR
12T-20T



7075 ALUMINUM ALLOY TITANIUM (MO.6)

APERTURE 5MM HIGH SPEED STEEL PINION GEAR

APERTURE 5MM HIGH SPEED STEEL PINION GEAR



2948/2958/2968

4 POLES BRUSHLESS MOTOR FOR BOAT

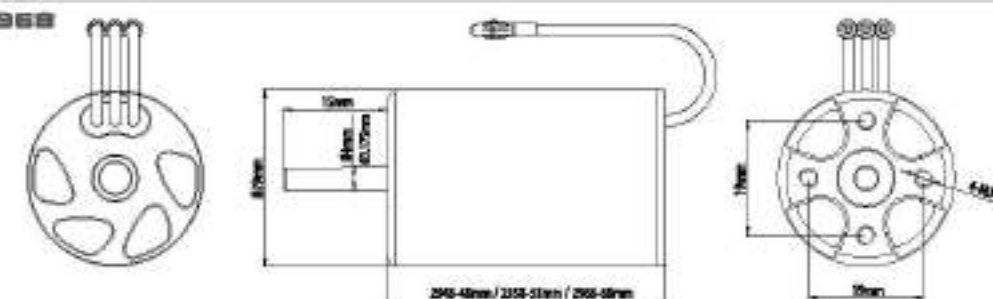


- 4 Pole 12 Slot Hi-torque Motor Design
- CNC Machined 6061 T6 Billet Aluminum Heatsink Can
- High Purity Copper Windings Maximizes Efficiency
- High RPM ABEC5 Oversized Bearings
- Precision balanced rotor, smoothness for best reliability and maximum RPM
- Stator - Super Thin (0.2mm) Laminations
- Removable/Replaceable Rotor
- Precision Engineered for Maximum Energy Conversion



Product	Item number	Kv (RPM/Volt)	Max Amps	Max voltage	Max power (W)	Weight (g)	Motor size (mm)	Winding type	Number of turns	No load current	Max RPM	Shaft (mm)	Rotor Poles
2948	SP-02948-01	6800	116	8	1000	145	829x48	DELTA	2.5T	4.0A	60K	83.175	4
2948		6600	105	9	1000	145	829x48	WYE	1.5Y	3.8A	60K	83.175	4
2948		5880	98	10	1000	145	829x48	DELTA	3T	2.6A	60K	83.175	4
2948		4800	82	12	1000	145	829x48	WYE	2Y	2.2A	60K	83.175	4
2948		3450	60	17	1000	145	829x48	DELTA	5T	1.6A	60K	83.175	4
2958	SP-02958-01	6500	155	9	1400	165	829x58	DELTA	2T	4.2A	60K	83.175	4
2958		4950	116	12	1400	165	829x58	DELTA	2.5T	3.9A	60K	83.175	4
2958		4480	108	13	1400	165	829x58	WYE	1.5Y	2.8A	60K	83.175	4
2958		4200	100	14	1400	165	829x58	DELTA	3T	2.1A	60K	83.175	4
2958		3360	78	18	1400	165	829x58	WYE	2Y	1.9A	60K	83.175	4
2968	SP-02968-01	6500	200	9	1800	185	829x68	DELTA	1.5T	5.2A	60K	84	4
2968		5300	160	11	1800	185	829x68	DELTA	2T	4.2A	60K	84	4
2968		4000	120	15	1800	185	829x68	DELTA	2.5T	2.9A	60K	84	4
2968		3800	112	16	1800	185	829x68	WYE	1.5Y	2.7A	60K	84	4
2968		3400	105	17	1800	185	829x68	DELTA	3T	2.2A	60K	84	4

2948/2958/2968



3660/3670/3680

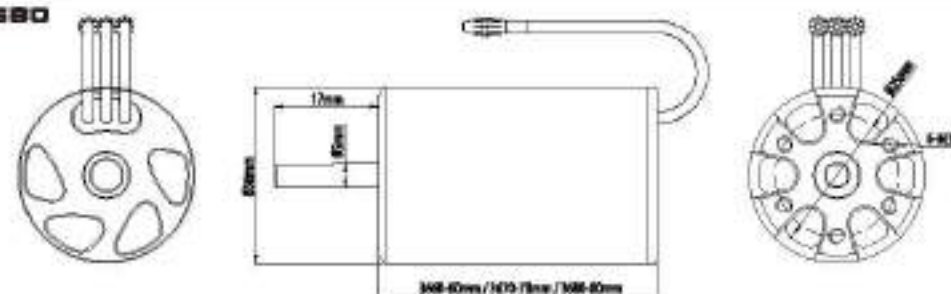
4 POLES BRUSHLESS MOTOR FOR BOAT



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- Stator - Super Thin (0.2mm) Laminations
- Removable/Replaceable Rotor
- Precision Engineered for Maximum Energy Conversion

Product	Item number	Kv (RPM/Volt)	Max Amps	Max voltage	Max power (W)	Weight (g)	Motor size (mm)	Winding type	Number of turns	No load current	Max RPM	Shaft (mm)	Rotor Poles
3660	SP-036600-09	4300	85	14	1200	195	Ø36x60	WYE	1.5Y	3.8A	60K	Ø5	4
3660		3250	70	17	1200	195	Ø36x60	WYE	2Y	3.1A	60K	Ø5	4
3660		2600	66	18	1200	195	Ø36x60	WYE	2.5Y	2.2A	60K	Ø5	4
3660		2150	48	25	1200	195	Ø36x60	WYE	3Y	1.8A	60K	Ø5	4
3660		1800	41	29	1200	195	Ø36x60	WYE	3.5Y	1.3A	60K	Ø5	4
3670	SP-036700-06	3050	89	18	1600	275	Ø36x70	WYE	1.5Y	3.6A	60K	Ø5	4
3670		2280	70	23	1600	275	Ø36x70	WYE	2Y	2.8A	60K	Ø5	4
3670		1850	66	24	1600	275	Ø36x70	WYE	2.5Y	2.4A	60K	Ø5	4
3670		1550	50	32	1600	275	Ø36x70	WYE	3Y	1.8A	60K	Ø5	4
3670		1200	45	36	1600	275	Ø36x70	WYE	4Y	1.2A	60K	Ø5	4
3680	SP-036800-01	1800	105	19	2000	320	Ø36x80	WYE	2Y	3.4A	50K	Ø5	4
3680		1500	84	24	2000	320	Ø36x80	WYE	2.5Y	2.6A	50K	Ø5	4
3680		1250	75	26	2000	320	Ø36x80	WYE	3Y	2.2A	50K	Ø5	4
3680		1100	60	34	2000	320	Ø36x80	WYE	3.5Y	1.6A	50K	Ø5	4
3680		880	52	38	2000	320	Ø36x80	WYE	4Y	1.2A	50K	Ø5	4

3660/3670/3680



4074/4082/4092

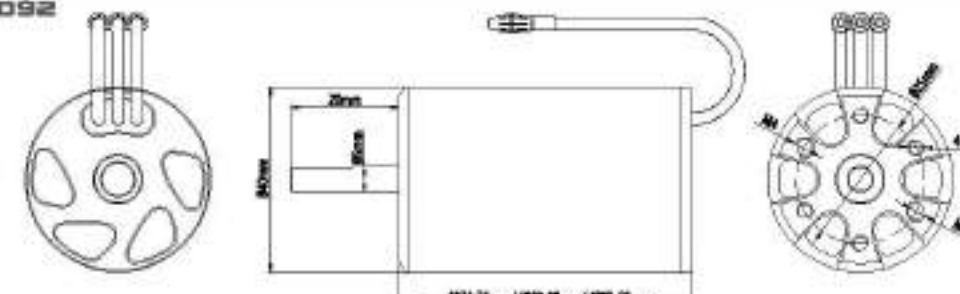
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Product	Item number	Kv (RPM/Volt)	Max Amps	Max voltage	Max power (W)	Weight (g)	Motor size (mm)	Winding type	Number of turns	No load current	Max RPM	Shaft (mm)	Rotor Poles
4074	SP-040740-01	2250	108	26	2800	358	Ø40x74	WYE	2Y	3.2A	60K	Ø5	4
4074		2000	93	30	2800	358	Ø40x74	WYE	2.25Y	3.1A	60K	Ø5	4
4074		1700	80	35	2800	358	Ø40x74	WYE	2.75Y	2.2A	60K	Ø5	4
4074		1550	73	38	2800	358	Ø40x74	WYE	3Y	1.8A	60K	Ø5	4
4074		1350	63	44	2800	358	Ø40x74	WYE	3.5Y	1.3A	60K	Ø5	4
4082	SP-040820-01	1900	130	25	3400	400	Ø40x82	WYE	2Y	3.1A	50K	Ø5	4
4082		1600	110	30	3400	400	Ø40x82	WYE	2.5Y	2.8A	50K	Ø5	4
4082		1280	87	38	3400	400	Ø40x82	WYE	3Y	2.4A	50K	Ø5	4
4082		1120	78	43	3400	400	Ø40x82	WYE	3.5Y	1.8A	50K	Ø5	4
4082		930	64	52	3400	400	Ø40x82	WYE	4Y	1.2A	50K	Ø5	4
4092	SP-040920-01	1520	130	32	4200	455	Ø40x92	WYE	2Y	2.6A	50K	Ø5	4
4092		1250	112	37	4200	455	Ø40x92	WYE	2.5Y	2.6A	50K	Ø5	4
4092		1100	98	43	4200	455	Ø40x92	WYE	3Y	2.2A	50K	Ø5	4
4092		920	90	47	4200	455	Ø40x92	WYE	3.5Y	1.6A	50K	Ø5	4
4092		800	78	54	4200	455	Ø40x92	WYE	4Y	1.1A	50K	Ø5	4

4074/4082/4092



5682/5692/ 56102/56112

4 POLES BRUSHLESS MOTOR FOR BOAT

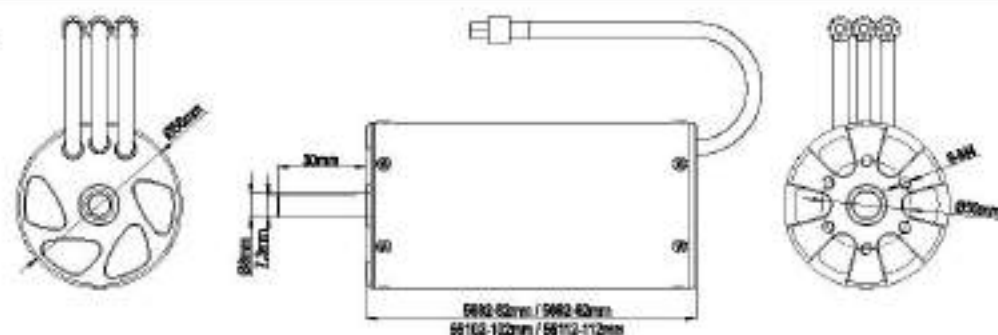


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Product	Item number	Kv (RPM/Volt)	Max Amps	Max voltage	Max power (W)	Weight (g)	Motor size (mm)	Winding type	Number of turns	No load current	Max RPM	Shaft (mm)	Rotor Poles
56112		780	195A	38V	7350	1160	Ø56x112	WYE	2Y	2.8A	30000	Ø10	4
56112	SP-056112-09	700	175A	42V	7350	1160	Ø56x112	DELTA	40	2.2A	30000	Ø10	4
56112		520	129A	57V	7350	1160	Ø56x112	WYE	3Y	1.6A	30000	Ø10	4
56102		1050	225A	28V	6300	1040	Ø56x102	DELTA	30	2.6A	30000	Ø8	4
56102	SP-056102-01	910	190A	33V	6300	1040	Ø56x102	WYE	2Y	2.2A	30000	Ø8	4
56102		600	126A	50V	6300	1040	Ø56x102	WYE	3Y	1.8A	30000	Ø8	4
5692		1090	195A	27V	5200	920	Ø56x92	WYE	2Y	3.2A	30000	Ø8	4
5692	SP-056920-01	980	172A	30V	5200	920	Ø56x92	DELTA	40	2.4A	30000	Ø8	4
5692		730	128A	41V	5200	920	Ø56x92	WYE	3Y	2.0A	30000	Ø8	4
5682		1300	193A	22V	4200	800	Ø56x82	WYE	2Y	3.1A	30000	Ø8	4
5682	SP-056820-01	980	160A	26V	4200	800	Ø56x82	WYE	2.5Y	2.8A	30000	Ø8	4
5682		910	129A	33V	4200	800	Ø56x82	WYE	3Y	2.2A	30000	Ø8	4

5682/5692/
56102/56112



75200 HYDROFOIL MOTOR FOR e-board

- 4 Pole 12 Slot / 8 Pole 24 Slot Hi-torque Motor Design
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- High Purity Copper Windings Maximizes Efficiency
- High RPM ABEC5 Oversized Bearings
- Precision balanced rotor, smoothness for best reliability and maximum RPM
- Stator - Super Thin (0.2mm) Laminations
- Removable/Replaceable Rotor
- Misplaced magnetic field of rotor, which have low speed and perfect Linear performance.
- Precision Engineered for Maximum Energy Conversion

We accept OEM and ODM services



High Purity Copper Windings



Removable/Replaceable Rotor

Product	Item Number	Kv (RPM/Volt)	Watts	Max lipo	Max Amps	Rotor Poles	IO	Resistance	Max RPM	Motor size (mm)	Weight (g)	Shaft (mm)	Length of extend shaft	Connector
75200/10V	BF-070120-01	160	10KW	12-30S(<125V)	80A@125V/ 200A@50V	4	3.2A	0.1355	40000	Ø75x198	2430	Ø8xM8	70mm	8.0mm gold
75200/9V		180	10KW	12-30S(<125V)	80A@125V/ 200A@50V	4	3.5A	0.1165	40000	Ø75x198	2430	Ø8xM8	70mm	8.0mm gold
75200/6V	SP-070120-11	125	10KW	12-30S(<125V)	80A@125V/ 220A@50V	8	2.8A	0.0895	20000	Ø75x198	2250	Ø8xM8	70mm	8.0mm gold
75200/5V		140	10KW	12-30S(<125V)	80A@125V/ 220A@50V	8	3.0A	0.0955	20000	Ø75x198	2250	Ø8xM8	70mm	8.0mm gold



WATER COOLING SYSTEM FOR BOAT MOTOR

- CNC Machined 6061 T6 Billet Aluminum Heatsink Can
- Durable, corrosion resistance, great looks



28-S SP-029000-01



38mm



37mm

28-L SP-029000-02



51mm



37mm

38-S SP-034000-01



48mm



44mm

38-L SP-034000-02



61mm



44mm

48-S SP-040000-01



56mm



48mm

48-L SP-040000-02



71mm



48mm

56-S SP-056000-01



60mm



67mm

56-L SP-056000-02



80mm



67mm

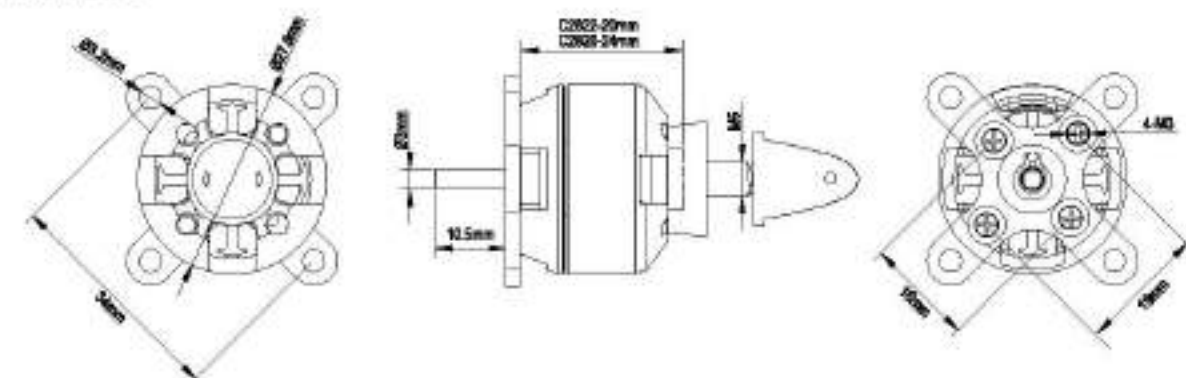
C2822/C2826 OUTRUNNER BRUSHLESS MOTOR

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Model	Item Number	Kv (RPM/Volt)	MAX Watts (W)	Voltage Range(V)	Max Current(A)	Rotor Poles	No load Current(A)	Resistance (Ω)	Motor Size (mm)	Stator Size(mm)	Weight (g)	Propeller (Inch)
C2822-25		1400	160	7-15	13	14	0.4	0.307	82x20	82x20	30	7.5x3.5/8x4/9x5
C2822-27	SP-022040-03	1200	140	7-15	11	14	0.3	0.368	82x20	82x20	30	8x5/8x6/7x5
C2822-16		2300	180	7-15	18	14	0.5	0.125	82x20	82x20	30	6x3/5x3
C2826-09		1900	250	7-12	27	14	1.2	0.063	82x24	82x24	45	8x3.8/8x4/7x5
C2826-12	SP-022080-01	1350	240	7-12	24	14	0.8	0.097	82x24	82x24	45	8x3.8/7x4
C2826-18		1000	220	7-12	20	14	0.7	0.256	82x24	82x24	45	8x5/8x7/9x4.7

C2822/C2826



C2830/C2834

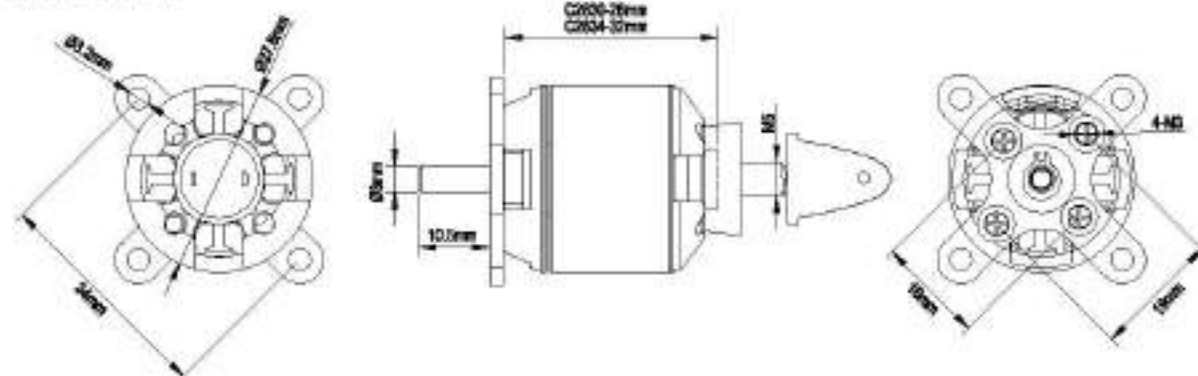
OUTRUNNER BRUSHLESS MOTOR

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C2830-06		2200	340	7~12	28	14	1.4	0.035	ø28x28	ø22 x 12	57	9x6/10x5/10x6
C2830-09		1300	300	7~12	25	14	1.2	0.085	ø28x28	ø22 x 12	57	9x6/10x5/10x6
C2830-12	SP-022120-01	1000	260	7~15	21	14	0.9	0.152	ø28x28	ø22 x 12	57	9x4.5/10x6/10x5
C2830-14		850	240	7~15	19	14	0.6	0.189	ø28x28	ø22 x 12	57	11x5.5/9x6/10x4
C2830-15		750	230	7~15	18	14	0.6	0.221	ø28x28	ø22 x 12	57	11x5.5/10x7
C2834-08		1120	380	7~15	26	14	1.2	0.068	ø28x32	ø22 x 16	67	9x6/10x4/11x5.5
C2834-10	SP-022160-01	880	340	7~18	22	14	0.8	0.108	ø28x32	ø22 x 16	67	11x8.5/10x7/12x6
C2834-12		750	300	7~18	19	14	0.6	0.152	ø28x32	ø22 x 16	67	11x8.5/11x10/12x6

C2830/C2834



C3530/C3536

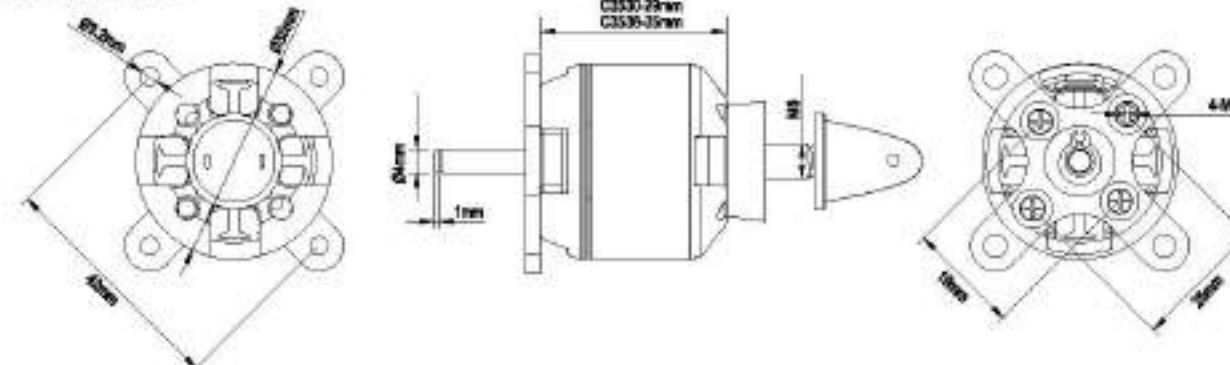
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C3530-08		1700	420	7~15	42	14	1.8	0.041	ø35x29	ø28x08	78	7x4/6x5
C3530-10	SP-028080-01	1400	350	7~15	35	14	1.2	0.059	ø35x29	ø28x08	78	9x4.5/8x4/7x7
C3530-14		1100	310	7~15	30	14	0.7	0.113	ø35x29	ø28x08	78	9x5/10x4.7
C3536-05		1500	750	7~15	55	14	2.5	0.025	ø35x35	ø28x14	109	8x4/9x6/10x6
C3536-06	SP-028140-01	1300	680	7~15	50	14	1.8	0.038	ø35x35	ø28x14	109	9x4.5/10x4.7/9x5
C3536-08		1050	500	7~15	38	14	1.5	0.055	ø35x35	ø28x14	109	9.5x5/10x6/11x5
C3536-09		910	400	7~15	30	14	1.2	0.072	ø35x35	ø28x14	109	10x7/11x8.5/12x5

C3530/C3536



C3542/C3548

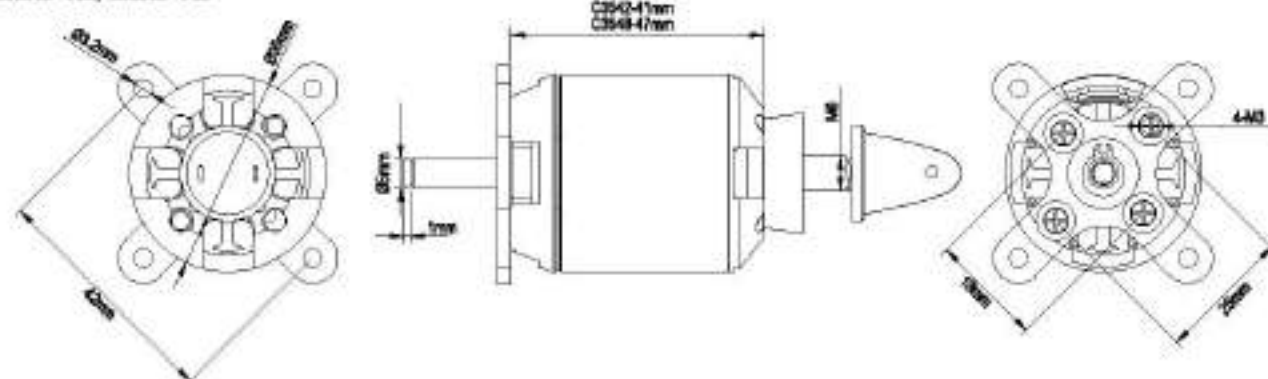
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C3542-04		1450	1050	7~15	78	14	2.3	0.021	83x41	82x20	132	12x5/11x7/13x8
C3542-05	SP-028200-01	1250	850	7~15	65	14	2.1	0.026	83x41	82x20	132	8x7/9x5/10x4
C3542-06		1000	750	7~15	55	14	2	0.039	83x41	82x20	132	10x6/12x6.5/13x8
C3548-04		1100	1100	7~15	72	14	2.6	0.028	83x47	82x26	172	12x6/12x6.5/13x8
C3548-05	SP-028260-01	900	1000	7~18	60	14	2.2	0.033	83x47	82x26	172	11x8/13x6/14x7
C3548-06		790	840	10~20	50	14	2	0.051	83x47	82x26	172	12x7/13x7/14x7

C3542/C3548



C4250/C4260

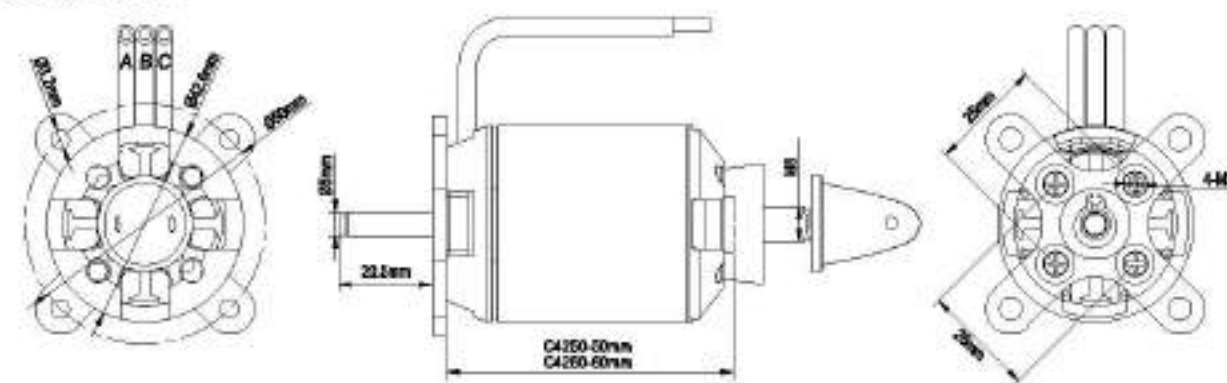
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C4250-06		800	1250	10~20	62	14	2.3	0.0212	84x50	83x20	205	13x10/14x7/14x10
C4250-07	SP-042500-01	720	1120	10~20	56	14	1.8	0.0298	84x50	83x20	205	13x8/14x7/12x10
C4260-05		710	1650	10~20	82	14	2.7	0.0234	84x60	83x30	275	13x10/14x10/15x8
C4260-06	SP-042600-01	600	1500	10~20	75	14	2.1	0.0291	84x60	83x30	275	15x8/16x8/16x10

C4250/C4260



C5045/C5055/C5065

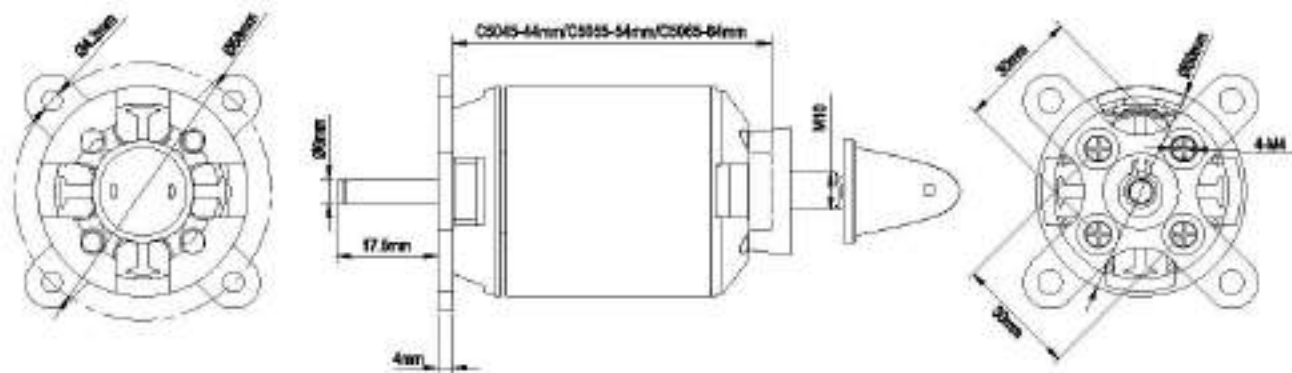
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C5045-9T	SP-050450-01	890	860	10~18	48	14	2.5	0.0215	Ø50x44	Ø41x10	195	12x6/13x10/13x8
C5045-10.5T	SP-050450-01	720	860	10~20	48	14	1.6	0.0275	Ø50x44	Ø41x10	195	14x7/12x10/13x8
C5055-06	SP-050550-01	760	1660	10~20	83	14	2.4	0.0173	Ø50x54	Ø41x20	275	14x8/15x8/17x9
C5055-08	SP-050550-01	570	1550	15~24	65	14	1.5	0.0255	Ø50x54	Ø41x20	275	14x8/15x8/17x9
C5065-07	SP-050650-01	435	1750	15~24	73	14	1.6	0.0234	Ø50x64	Ø41x30	375	16x8/16x10/17x9
C5065-09	SP-050650-01	335	1600	15~30	53	14	1.2	0.0421	Ø50x64	Ø41x30	375	16x10/18x10/18.5x12

C5045/C5055/C5065



C6354

OUTRUNNER BRUSHLESS MOTOR

- 14 Pole 12 Slot Hi-torque Motor Design
- CNC Machined 6061 T6 Billet Aluminum Heatsink Can
- High Purity Copper Windings Maximizes Efficiency
- High RPM ABEC5 Oversized Bearings
- Precision balanced rotor, smoothness for best reliability and maximum RPM
- Stator - Super Thin (0.2mm) Laminations
- Precision Engineered for Maximum Energy Conversion



Model	Item Number	Kv (RPM/Volt)	MAX Watts (W)	Voltage Range(V)	Max Current(A)	Rotor Poles	No load Current(A)	Resistance (Ω)	Motor Size (mm)	Stator Size(mm)	Weight (g)	Propeller (Inch)
C6354-14	SP-063540-01	245	2100	15~42	55	14	1.5	0.0059	Ø63x50	Ø53x20	480	19x12/20x10/18.5x12
C6354-16	SP-063540-01	200	2210	15~42	50	14	0.9	0.0074	Ø63x50	Ø53x20	480	19x10/19x12/18.5x12

C6354

