



**New technology:** "HIGH POWER CURRENT PLUG IN SYSTEM" FOR BRUSHLESS MOTOR" – INTERNATIONAL PATENT REGISTERED  
 THE NEW HIGH POWER CURRENT PLUG IN SYSTEM - A BRAKE THROUGH DESIGN FOR CURRENT MOTOR BRUSHLESS MOTOR,  
 ALLOW A DIRECT POWER AND CURRENT GO DIRECT  
 TO THE MOTOR CORE WIRE, WHICH WILL IMPROVE EFFICIENCY AND HAVE BETTER PERFORMANCE; RELIABLE SPEED SOURCE TO YOUR RACING GEAR!  
**Reliable:** "Provide longer and stable power source to your motor"  
**Efficiency:** "20% improvement of overall power bank"  
**Performance:** "New adjustable timing will allow you to have smooth low, mid power kick, or overall all smooth power"  
**\*Totally redesigned motor front plate and rear motor end bell.**  
 Totally new design and stronger material motor front plate and rear end bell ready for the most extreme condition.  
**\*The new and reinforced timing sensor unit.**  
 This new and improved sensor unit provide a stronger sensor holding capability to withstand the most extreme racing condition and can improve reliability.

**Warning and Recommended Note:**

1. Please follow ESC manufacturer's timing recommendation (Do not over timing).
2. Solder the 3 ESC wires to each motor soldering tabs accordingly (A wire to A tab, B wire to B tab and C wire to C tab).
3. When using on a sensored ESC, please plug in the sensor cable from ESC to motor firmly.
4. Please lubricate the front and rear ball bearings with a drop of bearing oil before using.
5. After every 20 runs of the motor, the motor should be inspected and lubricate the bearings.

**Special Note: For stock class racing on 10.5R to 21.5R motor!**

We strongly recommend the use of external cooling fan on the ESC and heat sink plus fan on motor.

This will help the ESC and motor to stay cool and have better performance.

This will help to improve your product life cycle and prevent your ESC and Motor from overheating.

**\*New higher motor timing - 11 to 20 degrees (standard)**  
 New on MMM series is the advanced timing unit sensor (in degrees, 11-20 degrees, standard, 0-10, 21-30 optional).  
 Multiple timing sensor units (in different degrees of timing) are available for wide choice of adjustability to meet all the racing need.  
 Different timing range will be separated by different color coded sensor unit.  
**\*Totally redesigned Stator**  
 This new stator from the MMM series will improve the power band output by the overall 10% over the standard V3 Competition series motor.  
**\*5 grams lighter than the regular V3.0 competition motor series**  
 Using lighter material but without losing strength.  
 Hard coated material with laser engraved motor prints, matting with gun metal finish gives the MMM series a World Champion looks from the outside.  
 Quick and reliable bullet plugs connection is still the signature design on the MMM series motor.

**Competition Version 3.0 - MMM Series**

Last Update: Feb03rd2012

1/10 On Road 1/10 Off Road 1/12 On Road	EFRA / ROAR / IFMAR Spec	PN#Model	Design	Size	Rotor	Turns	Input voltage (cells)	Max Amp	KV (RPM/Volt) +/- 3%	Shaft Diameter (in MM)	(Hand Wounded)
Yes	Yes	SP000035	Sensored	540	12.5MM (Black with red ring)	3.5R	2 cells lipo, 4-6 cells nimh	86	10300	3.175	Yes
Yes	Yes	SP000151	Sensored	540	12.5MM (Black with red ring)	4.0R	2 cells lipo, 4-6 cells nimh	70	7900	3.175	Yes
Yes	Yes	SP000036	Sensored	540	12.5MM (Black with red ring)	4.5R	2 cells lipo, 4-6 cells nimh	68	8200	3.175	Yes
Yes	Yes	SP000148	Sensored	540	12.5MM (Black with red ring)	5.0R	2 cells lipo, 4-6 cells nimh	54	6700	3.175	Yes
Yes	Yes	SP000149	Sensored	540	12.5MM (Black with red ring)	5.5R	2 cells lipo, 4-6 cells nimh	48	6100	3.175	Yes
Yes	Yes	SP000037	Sensored	540	12.3MM (Black with Purple ring)	10.5R	2 cells lipo, 4-6 cells nimh	26	4000	3.175	Yes
Yes	Yes	SP000038	Sensored	540	12.3MM (Black with Purple ring)	13.5R	2 cells lipo, 4-8 cells nimh	21	3300	3.175	Yes
Yes	Yes	SP000039	Sensored	540	12.3MM (Black with Purple ring)	17.5R	2 cells lipo, 4-8 cells nimh	16	2900	3.175	Yes
Yes	Yes	SP000040	Sensored	540	12.3MM (Black with Purple ring)	21.5R	2 cells lipo, 4-8 cells nimh	14	2000	3.175	Yes

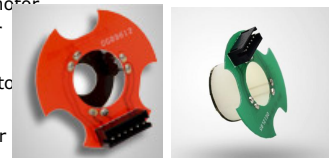
**Option Item:**

Part Number: **New:** Ultra Cooling Motor Heat Sink  
 SPMH138BL Blue Color  
 SPMH138P Purple Color  
 SPMH138O Orange Color  
 SPMH138R Red Color  
 SPMH138CS Silver Color  
 SPMH138BK Black Color



Part Number: **New:** Competition V3.0 series option parts  
 SP000034 Sensor unit +10 timing for V3.0 Motor - Red Color  
 SP000029 Sensor unit +20 Timing for V3.0 Motor - Green Color  
 SP000041 Sensor unit for V3.0 4.0T/5.0T motor  
 SB218 Sensor unit for V3.0 series Motor

SP1EB01 Fixed timing endbell for V3.0 Motor  
 SP1EB02 Normal endbell for V3.0 Motor  
 SP1EB03 Sensor unit holder for V3.0 Motor  
 CBB138238 Ceramic Ball Bearing  
 162820 High Current Motor Connector for V3.0 Motor



Part Number: **New:** Competition V3.0 series option Parts  
 162801 Sensor Cable "180MM"  
 162802 Sensor Cable "90MM"  
 162803 Sensor Cable "250MM"



**Timing Option:**



+11 to this direction :  
 Provided longer run  
 time, higher torque and  
 smoother power.

+20 to this direction:  
 Provided higher top  
 speed and more  
 aggressive power.

**Limited 30 days warranty.**

This product is guaranteed to be free from defects in materials or workmanship for a period of 30 days from the original date of purchase (Verified by sale receipt dated). User accepts all resulting liability. We reserve the right to modify warranty provisions without notice.

Warranty does not cover incorrect installation, components worn by use, or any damage caused by crash, flooding or natural disaster. The company has no control over the installation of this product, no liability may be assumed nor will be accepted for any damage resulting from the use of this product.

