



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 DIRCT POWER AND CURRENT GO DIRECT TO THE MOTOR CORE WIRE, WHICH PROVIDE IMPROVE EFFICIENCY 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"

Competition Version 3.0 - Series

Last Update: Aug 4th, 2009

Road 1/10 Off Road	EFRA / ROAR / IFMAR Spec	Recommended Gearing	PN#Model	Design	Size	Rotor	Turns	input voltage (cell)2	Max Amp	Kv3 (RPM/volt) +/- 3%	Shaft Diam (MM)	(Hand Wound)	Thermal Protection
Yes	Yes	5 cell 8.5 to 9.5 6 cell 9.3 to 10.0	13835V3	Sensored	540	No FAN	3.5R	4-6 cell	80	10100	3.175	Yes	Yes
Yes	Yes	5 cell 7.7 to 9.0 6 cell 8.0 to 9.5	13840V3	Sensored	540	No FAN	4.0R	4-6 cell	78	9100	3.175	Yes	Yes
Yes	Yes	5 cell 7.5 to 8.8 6 cell 8.0. to 10	13845V3	Sensored	540	No FAN	4.5R	4-6 cell	72	8000	3.175	Yes	Yes
Yes	Yes	6 cell 8.8 to 10.5	13855V3	Sensored	540	No FAN	5.5R	4-8 cell	65	7000	3.175	Yes	Yes
Yes	Yes	6 cell 9.2 to 10.0	13865V3	Sensored	540	No FAN	6.5R	4-8 cell	60	5800	3.175	Yes	Yes
Yes	Yes	6 cell 7.5 to 9.0	13875V3	Sensored	540	No FAN	7.5R	4-8 cell	58	5100	3.175	Yes	Yes
Yes	Yes	6 cell 6.5 to 8.0	13885V3	Sensored	540	No FAN	8.5R	4-8 cell	55	4400	3.175	Yes	Yes
Yes	Yes	5.5 to 6.5 6 cell	13895V3	Sensored	540	No FAN	9.5T	4-8 cell	28	4000	3.175	Yes	Yes
Yes	Yes	5.2 to 6.2 6 cell	138105V3	Sensored	540	No FAN	10.5T	4-8 cell	24	3800	3.175	Yes	Yes
Yes	No	5.0 to 6.0 6 cell	138115V3	Sensored	540	No FAN	11.5T	4-8 cell	23	3500	3.175	Yes	Yes
Yes	Yes	4.8 to 6.0 6 cell	138135V3	Sensored	540	No FAN	13.5T	4-8 cell	19	3100	3.175	Yes	Yes
Yes	Yes	4.6 to 6.0 6 cell	138175V3	Sensored	540	No FAN	17.5T	4-8 cell	16	2700	3.175	Yes	Yes
Yes	Yes	4.6 to 6.0 6 cell	138215V3	Sensored	540	No FAN	21.5T	4-8 cell	12	1800	3.175	Yes	Yes

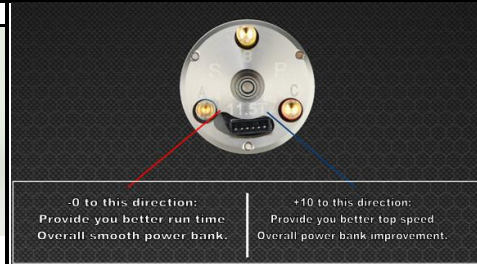
Option Item:

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



Timing Option:



Warning and Recommended Note:

1. Please follow ESC manufacturers timing recommendations (Do not over tune)
2. Solder the 3 ESC wires to each motor solder tabs (A to A, B to B and C to C)
3. When using on sensored Esc, please make sure plug in sensor cable to motor.
4. Please lubricated the front ball bearing with a drop of bearing oil
5. Every after 20 pack battery should inspect and lubricate the bearings

Special Note: For stock class racing on 9.5T to 21.5T motor!

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

This will help the ESC and motor stay cool

and will help to ensure your product life cycle is longer and project your ESC and Motor from heating.

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.