



Manual Date: Dec 2nd, 2008

Special Note:

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 protect your ESC and Motor from heating.

ULTRA SPORTSMAN SERIES

1/10 On & Off Road	IFMAR Spec	Suggestion Gear Ratio	PN#Model	Design	Size	Turns	Comparable to brushed stock motor	input voltage (cell)2	Watts	Kv3 (RPM/volt) +/- 3%	Shaft Diam (MM)	Rotor Performs (ROM/temp)	(Hand Wound)	Thermal Protection
Yes	Yes	5.5 to 6.5 6 cell	SPF95	Sensored	540	9.5T	19T	4-6 cell	225	3400	3.175	STD/STD	Yes	Yes
Yes	Yes	5.2 to 6.2 6 cell	SPF105	Sensored	540	10.5T	21T	4-6 cell	195	3200	3.175	STD/STD	Yes	Yes
Yes	Yes	5.0 to 6.0 6 cell	SPF115	Sensored	540	11.5T	23T	4-6 cell	165	3000	3.175	STD/STD	Yes	Yes
Yes	Yes	4.8 to 6.0 6 cell	SPF135	Sensored	540	13.5T	27T	4-6 cell	145	2800	3.175	STD/STD	Yes	Yes
Yes	Yes	4.6 to 6.0 6 cell	SPF175	Sensored	540	17.5T	32T	4-6 cell	225	2600	3.175	STD/STD	Yes	Yes
Yes	Yes	4.6 to 6.0 6 cell	SPF215	Sensored	540	21.5T	43T	4-6 cell	115	2000	3.175	STD/STD	Yes	Yes



1/10 On & Off Road	Digital Racing Sensorless Technology	PN#Model	Design	Size	input voltage (cell)2	Watts	Kv3 (RPM/volt)	Shaft Diam (MM)	Rotor Performs (ROM/temp)	(Hand Wound)	Thermal Protection
Crawler Master S	Yes	SPCMS205	Sensorless	540	4-6 cell	105	1200	3.175	STD/STD	Yes	NO
F1	Yes	RS540BLF1	Sensorless	540	4-6 cell	115	2800	3.175	STD/STD	Yes	NO
M-Chassis	Yes	RS540BLMC	Sensorless	540	4-6 cell	135	3300	3.175	STD/STD	Yes	NO
JR	Yes	RS540BL1V2	Sensorless	540	4-6 cell	155	3000	3.175	STD/STD	Yes	NO
Pro	Yes	RS540BL2V2	Sensorless	540	4-6 cell	185	3600	3.175	STD/STD	Yes	NO
Drift Master Tubro	Yes	DM9501	Sensorless	540	4-6 cell	215	4200	3.175	STD/STD	Yes	NO

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.