



## 85 Brushless Smart ESC Programmable Options

Programmable Items	Parameter Options								
	1	2	3	4	5	6	7	8	9
1. Running Mode	Forward w / Brake	Forward/Reverse w / Brake							
2. Drag Brake Force	0%	2%	4%	6%	8%	10%	12%	14%	16%
3. Low-voltage Cutoff	3.2V	3.3V	3.4V	3.5V	3.6V	3.7V			
4. Start Mode/Punch	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	Level 8	Level 9
5. Max Brake Force	25%	37.5%	50%	62.5%	75%	87.5%	100%	(disabled)	
6. Max Reverse Force	25%	50%	75%	100%					
7. Neutral Range	6% (Narrow)	9% (Normal)	12% (Wide)						
8. Timing (Degrees)	0.0	3.75	7.5	11.25	15.0	18.75	22.50	26.25	
9. Motor Rotation	CCW	CW							
10. BEC Voltage	6.0V	7.4V							



## 85 Brushless Smart ESC Specifications

### SPMXSE2085

Cont. Current	85A
Max Burst Current	550A
LiPo Cells	2 – 3S LiPo
NiMH Cells	5 – 9S NiMH
BEC Output	6V and 7.4V Selectable @ 4A
Size/Weight	1.7 in (43.4mm) x 1.5 in (38.3mm) x 1.3 in (33.4mm) / 5.4 oz (153g)

Waterproof	IP67 rated
Motor Connector	4mm Female Bullet
Battery Input	IC3 12AWG / 190mm
Motor Type	Sensorless Brushless
Telemetry	SRXL2 Compatible Spektrum Smart Technology

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**SPEKTRUM.**

610314EN Spektrum 85A ESC SPMXSE2085

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