



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

©2023 Horizon Hobby, LLC. Firma and the Firma logo are trademarks of Horizon Hobby, LLC. The Spektrum trademark is used with permission of Bachmann Industries, Inc.



SPEKTRUM.

07/23
610314EN Spektrum 85A ESC SPMXSE2085