

BLHELI-MULTI-20A-OPTO

Constant Current : 20A Max

Current : 25A for 10 seconds

Input Voltage : 2-4S Lipo

BEC Output : NO

Response : 20-500Hz

PCB Size : 12mmX 50mm (excluding capacitor)

Weight : 10.2 g (including wires)

Programming parameter value table multi:

Function	1	2	3	4	5	6	7	8	9	10	11	12	13
1 - Closed loop P gain	0.13	0.17	0.25	0.38	0.50	0.75	1.00	1.5	2.0	3.0	4.0	6.0	8.0
2 - Closed loop I gain	0.13	0.17	0.25	0.38	0.50	0.75	1.00	1.5	2.0	3.0	4.0	6.0	8.0
3 - Closed loop mode	HiRange	MidRange	LoRange	Off	-	-	-	-	-	-	-	-	-
4 - Multi gain	0.75	0.88	1.00	1.12	1.25	-	-	-	-	-	-	-	-
5 - Low voltage limit (/cell)	Off	3.0V	3.1V	3.2V	3.3V	3.4V	-	-	-	-	-	-	-
6 - Startup method**	Stepped	Direct	-	-	-	-	-	-	-	-	-	-	-
7 - Startup power**	0.031	0.047	0.063	0.094	0.125	0.188	0.25	0.38	0.50	0.75	1.00	1.25	1.50
8 - Startup rpm	0.67	0.80	1.00	1.25	1.50	-	-	-	-	-	-	-	-
9 - Startup acceleration	0.4	0.7	1.0	1.5	2.3	-	-	-	-	-	-	-	-
10 - Commutation timing	Low	MediumLow	Medium	MediumHigh	High	-	-	-	-	-	-	-	-
11 - Throttle change rate	2	3	4	6	8	12	16	24	32	48	64	128	255
12 - Damping force	VeryLow	Low	MediumLow	MediumHigh	High	Highest	-	-	-	-	-	-	-
13 - Pwm frequency	High	Low	DampedLight	Damped*	-	-	-	-	-	-	-	-	-
14 - Demag compensation	Off	Low	High	-	-	-	-	-	-	-	-	-	-
15 - Rotation direction	Normal	Reversed	Bidirectional	-	-	-	-	-	-	-	-	-	-
16 - Input pwm polarity	Positive	Negative	-	-	-	-	-	-	-	-	-	-	-

*: Only enabled for some ESCs.

** : Default startup method and power varies by ESC. Generally the stepped start is used for the original mCPX ESCs, and generally the default power is lower for larger ESCs.

Default values are marked in bold **green**.