



EV & Forklift Parts

CURTIS DC SepEx Motor Controller Parameter List
Model: 1266A-5201

No.	Parameter	Min	Max	Default Value	Unit	Programmer Access Level	
						Read	Write
Current Limits							
1	M1 Main C/L	100	275	275	Ampere	OEM	OEM
2	M1 Boost C/L	100	300	300	Ampere	OEM	OEM
3	M2 Main C/L	100	275	275	Ampere	OEM	OEM
4	M2 Boost C/L	100	300	300	Ampere	OEM	OEM
5	Boost Time	0	10	10	Seconds	OEM	OEM
6	Regen C/L	50	275	201	Ampere	OEM	OEM
7	Plug C/L	50	275	201	Ampere	OEM	OEM
8	WalkAway C/L	6	10	6	Ampere	OEM	OEM
Mode 1							
9	M1 Max Speed	4	62	14.5		OEM	OEM
10	M1 Accel	0.6	5	2.7	Seconds	OEM	OEM
11	M1 Decel	0.2	30	30	Seconds	OEM	OEM
12	M1 Brake Min	10	100	10	%	OEM	OEM
13	M1 Brake Max	10	100	80	%	OEM	OEM
14	M1 Brake Start	0	62	5		OEM	OEM
15	M1 Brake End	0	62	13		OEM	OEM
16	M1 Brake Map	20	80	22	%	OEM	OEM
Reverse							
17	Reverse Speed	4	16	6.75		OEM	OEM
18	Reverse Accel	0.6	5	3.1	Seconds	OEM	OEM
19	Reverse Decel	0.2	30	10	Seconds	OEM	OEM
20	Reverse Brake Min	10	100	20	%	OEM	OEM
21	Reverse Brake Max	10	100	80	%	OEM	OEM
22	Reverse Brake Start	0	16	1.5		OEM	OEM
23	Reverse Brake End	0	16	5		OEM	OEM
24	Reverse Brake Map	20	80	40	%	OEM	OEM
Mode 2							
25	M2 Max Speed	4	62	14.5		OEM	OEM
26	M2 Accel	0.6	5	2.7	Seconds	OEM	OEM
27	M2 Decel	0.2	30	3.1	Seconds	OEM	OEM
28	M2 Brake Min	10	100	25	%	OEM	OEM
29	M2 Brake Max	10	100	90	%	OEM	OEM
30	M2 Brake Start	0	62	13		OEM	OEM
31	M2 Brake End	0	62	16		OEM	OEM
32	M2 Brake Map	20	80	40	%	OEM	OEM
Vehicle-Motor							
33	Motor RPM / Vehicle Speed	50	1024	243		OEM	OEM
34	Tacho Poles	4	20	8		OEM	OEM
Battery							
35	Overvoltage Min	40	65	62	Volt	OEM	OEM
36	Low Voltage Max	27	45	37.6	Volt	OEM	OEM
37	Low Voltage Margin	2	10	5	Volt	OEM	OEM
Throttle							



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38	HPD Threshold	0	25	25	%	OEM	OEM
39	Throttle Map	20	80	50	%	OEM	OEM
40	Throttle 0%	0	2	0.5	Volt	OEM	OEM
41	Throttle 100%	2.1	5	4.5	Volt	OEM	OEM
42	Throttle Fault Lo	0	2	0.2	Volt	OEM	OEM
43	Throttle Fault Hi	3	5	4.8	Volt	OEM	OEM
44	5v Enable	Off	On	Off		OEM	OEM
Warning Options							
45	Overvoltage Beep	Off	On	On		OEM	OEM
46	Anti-Rollback Beep	Off	On	On		OEM	OEM
Field Maps							
Positive Field Map							
47	M1 Field Min	1	10	3	Ampere	OEM	OEM
48	Reverse Field Min	1	10	4	Ampere	OEM	OEM
49	M2 Field Min	1	10	3	Ampere	OEM	OEM
50	Field Map Start	0	100	50	Ampere	OEM	OEM
51	Field Map	20	80	50	%	OEM	OEM
52	Field Max	12	25	20	Ampere	OEM	OEM
53	Field Map End	150	275	201	Ampere	OEM	OEM
Negative Field Map							
54	Neg Field Map Start	0	100	30	Ampere	OEM	OEM
55	Neg Field Map	20	80	35	%	OEM	OEM
56	Neg Field Max	12	25	20	Ampere	OEM	OEM
57	Neg Field Map End	150	275	201	Ampere	OEM	OEM
EM Brake							
58	EM Brake	Off	On	Off		OEM	OEM
59	EMB Pull In %	10	100	100	%	OEM	OEM
60	EMB Holding %	10	100	100	%	OEM	OEM
61	EMB Delay	0	5	1.4	Seconds	OEM	OEM
62	EMB Speed Check	Off	On	On		OEM	OEM
63	EMB Speed Value	0	62	0.5	mph	OEM	OEM
Field Brake							
64	Field Brake	Off	On	Off		OEM	OEM
65	Field Brake Speed	0	6	3		OEM	OEM
66	Field Brake Max	1	25	2	Ampere	OEM	OEM
67	Field Brake Rate	0	6	2		OEM	OEM
Contactor							
68	Main Drop Out Time	1	1200	2	Seconds	OEM	OEM
69	Main Pull In %	10	100	100	%	OEM	OEM
70	Main Holding %	10	100	100	%	OEM	OEM