



EV & Forklift Parts

CURTIS DC SepEx Motor Controller Parameter List
Model: 1243-4322

No.	Parameter	Min	Max	Default Value	Unit	Programmer Access Level	
						Read	Write
1	VOLTAGE	2	3	3		OEM	OEM
2	M1 DRIVE C/L	50	300	300		OEM	OEM
3	M2 DRIVE C/L	50	300	300		OEM	OEM
4	M3 DRIVE C/L	50	300	300		OEM	OEM
5	M4 DRIVE C/L	50	300	300		OEM	OEM
6	M1 BRAKE C/L	50	300	160		User	User
7	M2 BRAKE C/L	50	300	160		User	User
8	M3 BRAKE C/L	50	300	160		User	User
9	M4 BRAKE C/L	50	300	160		User	User
10	M1 ACCEL RATE	0.1	3	0.5	Seconds	User	User
11	M2 ACCEL RATE	0.1	3	0.5	Seconds	User	User
12	M3 ACCEL RATE	0.1	3	0.5	Seconds	User	User
13	M4 ACCEL RATE	0.1	3	0.5	Seconds	User	User
14	M1 DECEL RATE	0.1	10	5		User	User
15	M2 DECEL RATE	0.1	10	5		User	User
16	M3 DECEL RATE	0.1	10	5		User	User
17	M4 DECEL RATE	0.1	10	5		User	User
18	THROTTLE DECEL	0.1	1	0.2		OEM	OEM
19	M1 BRAKE RATE	0.1	3	0.5		OEM	OEM
20	M2 BRAKE RATE	0.1	3	0.5		OEM	OEM
21	M3 BRAKE RATE	0.1	3	0.5		OEM	OEM
22	M4 BRAKE RATE	0.1	3	0.5		OEM	OEM
23	INT BRAKE RATE	0.1	3	0.5		OEM	OEM
24	QUICK START	0	10	0		OEM	OEM
25	TAPER RATE	1	20	10		OEM	OEM
26	M1 MAX FWD SPD	0	100	100		OEM	OEM
27	M2 MAX FWD SPD	0	100	100		OEM	OEM
28	M3 MAX FWD SPD	0	100	100		OEM	OEM
29	M4 MAX FWD SPD	0	100	100		OEM	OEM
30	M1 MAX REV SPD	0	100	100		OEM	OEM
31	M2 MAX REV SPD	0	100	60		OEM	OEM
32	M3 MAX REV SPD	0	100	100		OEM	OEM
33	M4 MAX REV SPD	0	100	100		OEM	OEM
34	CREEP SPEED	0	25	0	%	OEM	OEM
35	THROTTLE TYPE	1	4	2	#	OEM	OEM
36	THRTL DEADBAND	0	40	10	%	OEM	OEM
37	THROTTLE MAX	60	100	90		OEM	OEM
38	THROTTLE MAP	20	80	50		OEM	OEM
39	FIELD MIN	1.6	5	3		OEM	OEM
40	FIELD MAX	3	35	25		OEM	OEM
41	FLD MAP START	25	300	70		OEM	OEM
42	FIELD MAP	0	100	50		OEM	OEM
43	CURRENT RATIO	1	4	1		OEM	OEM

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44	M1 RESTRAINT	3	35	5		OEM	OEM
45	M2 RESTRAINT	3	35	5		OEM	OEM
46	M3 RESTRAINT	3	35	5		OEM	OEM
47	M4 RESTRAINT	3	35	5		OEM	OEM
48	LOAD COMP	0	25	0		OEM	OEM
49	HPD	0	2	1		OEM	OEM
50	SRO	0	3	0	#	OEM	OEM
51	SEQUENCING DLY	0	3	0.1	Seconds	OEM	OEM
52	MAIN CONT INTR	Off	On	On		OEM	OEM
53	MAIN OPEN DLY	0	40	0		OEM	OEM
54	CONT DIAG	Off	On	On		OEM	OEM
55	AUX TYPE	0	5	0		OEM	OEM
56	AUX DELAY	0	30	0		OEM	OEM
57	EMR REV C/L	50	300	300	Ampere	OEM	OEM
58	EMR REV CHECK	Off	On	On		OEM	OEM
59	EMR DIR INTR	Off	On	On		OEM	OEM
60	VARIABLE BRAKE	Off	On	On		OEM	OEM
61	ANTI-TIEDOWN	Off	On	Off		OEM	OEM
62	POT LOW FAULT	Off	On	On		OEM	OEM
63	FULL VOLTS	167	201	198		OEM	OEM
64	EMPTY VOLTS	150	198	167		OEM	OEM
65	RESET VOLTS	198	300	201		OEM	OEM
66	BATTERY ADJUST	0.1	20	8		OEM	OEM
67	BDI LOCKOUT	Off	On	Off		OEM	OEM
68	BDI DISABLE	Off	On	Off		OEM	OEM
69	ADJ HRS LOW	0	99	0		OEM	OEM
70	ADJ HRS MID	0	99	0		OEM	OEM
71	ADJ HRS HIGH	0	99	0		OEM	OEM
72	SET TOTL HRS	Off	On	Off		OEM	OEM
73	SET TRAC HRS	Off	On	Off		OEM	OEM
74	HOURLMETER TYPE	Off	On	On		OEM	OEM
75	SRVC TOTL HRS	0	50	0		OEM	OEM
76	SRVC TRAC HRS	0	50	0		OEM	OEM
77	SRVC TOTL	Off	On	Off		OEM	OEM
78	SRVC TRAC	Off	On	Off		OEM	OEM
79	DIS TOTL HRS	0	250	10		OEM	OEM
80	DIS TRAC HRS	0	250	10		OEM	OEM
81	TRAC FAULT SPD	0	100	100		OEM	OEM
82	BDI LIMIT SPD	0	100	100		OEM	OEM
83	WARM SPEED	0	100	100		OEM	OEM

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84	MOT WRM x 10 m	10	250	200		OEM	OEM
85	MOT HOT x 10 m	200	250	250		OEM	OEM
86	MOTOR COMP	Off	On	Off		OEM	OEM
87	MAX REV REGEN	100	300	300		OEM	OEM
88	MAX FWD REGEN	100	300	300		OEM	OEM
89	MIN REV REGEN	25	300	100		OEM	OEM
90	MIN FWD REGEN	25	300	100		OEM	OEM
91	MAX LOAD VOLTS	0.2	4.8	4.8		OEM	OEM
92	MIN LOAD VOLTS	0.2	4.8	0.2		OEM	OEM
93	INT BRAKE DLY	0	8	2		OEM	OEM
94	FAULT CODE	Off	On	On		OEM	OEM
95	EM BRAKE PWM	Off	On	Off		OEM	OEM
96	FIELD CHECK	Off	On	On		OEM	OEM
97	PUMP METER	Off	On	Off		OEM	OEM