



TECHNICAL SPECIFICATIONS

Part Number	AC Input					DC Output				Max 8hr Capacity (Ah)	Charger Cable AWG	Weight (lbs)
	Voltage	Max Amps	Phase	Cord AWG	NEMA Plug	Cells	KW	Max Current (A)	Cabinets (# Bays) / # Modules			
LTC1-12C-35A	120	5	1	14	5-20	6	1	35	C (3) / 1	220	25 mm2 / 4 AWG	13
LTC1-12C-70A	120	10	1			6	2	70	C (3) / 2	440	25 mm2 / 4 AWG	16
LTC1-12C-105A	120	14	1			6	3	105	C (3) / 3	660	25 mm2 / 4 AWG	18
LTC1-12C-35G	208/220/240	3	1	16	6-15	6	1	35	C (3) / 1	220	25 mm2 / 4 AWG	13
LTC1-12C-70G	208/220/240	6	1			6	2	70	C (3) / 2	440	25 mm2 / 4 AWG	16
LTC1-12C-105G	208/220/240	9	1			6	3	105	C (3) / 3	660	25 mm2 / 4 AWG	18
LTC1-24C-20A	120	6	1	14	5-20	12	1	20	C (3) / 1	125	25 mm2 / 4 AWG	13
LTC1-24C-40A	120	11	1			12	2	40	C (3) / 2	250	25 mm2 / 4 AWG	16
LTC1-24C-60A	120	16	1			12	3	60	C (3) / 3	375	25 mm2 / 4 AWG	18
LTC1-24C-35G	208/220/240	5	1	14	6-20	12	1	35	C (3) / 1	220	25 mm2 / 4 AWG	13
LTC1-24C-70G	208/220/240	11	1			12	2	70	C (3) / 2	440	25 mm2 / 4 AWG	16
LTC1-24C-105G	208/220/240	16	1			12	3	105	C (3) / 3	660	25 mm2 / 4 AWG	18
LTC1-48C-11A	120	6	1	12	5-30	18/24	1	14/11	C (3) / 1	90/70	25 mm2 / 4 AWG	13
LTC1-48C-22A	120	12	1			18/24	2	28/22	C (3) / 2	175/140	25 mm2 / 4 AWG	16
LTC1-48C-33A	120	18	1			18/24	3	42/33	C (3) / 3	265/210	25 mm2 / 4 AWG	18
LTC1-48C-18G	208/220/240	5	1	12	6-30	18/24	1	24/18	C (3) / 1	150/115	25 mm2 / 4 AWG	13
LTC1-48C-36G	208/220/240	12	1			18/24	2	48/36	C (3) / 2	300/225	25 mm2 / 4 AWG	16
LTC1-48C-54G	208/220/240	17	1			18/24	3	72/54	C (3) / 3	450/340	25 mm2 / 4 AWG	18
LTC1-12F-35A	120	5	1	14	5-20	6	1	35	F (6) / 1	220	70 mm2 / 2/0 AWG	46
LTC1-12F-70A	120	10	1			6	2	70	F (6) / 2	440	70 mm2 / 2/0 AWG	49
LTC1-12F-105A	120	14	1			6	3	105	F (6) / 3	660	70 mm2 / 2/0 AWG	51
LTC1-12F-140A	120	19	1	8	5-50	6	4	140	F (6) / 4	875	70 mm2 / 2/0 AWG	54
LTC1-12F-175A	120	24	1			6	5	175	F (6) / 5	1100	70 mm2 / 2/0 AWG	56
LTC1-12F-210A	120	29	1			6	6	210	F (6) / 6	1320	70 mm2 / 2/0 AWG	58
LTC1-12F-35G	208/220/240	3	1	16	6-15	6	1	35	F (6) / 1	220	70 mm2 / 2/0 AWG	46
LTC1-12F-70G	208/220/240	6	1			6	2	70	F (6) / 2	440	70 mm2 / 2/0 AWG	49
LTC1-12F-105G	208/220/240	9	1			6	3	105	F (6) / 3	660	70 mm2 / 2/0 AWG	51
LTC1-12F-140G	208/220/240	12	1	12	6-30	6	4	140	F (6) / 4	875	70 mm2 / 2/0 AWG	54
LTC1-12F-175G	208/220/240	14	1			6	5	175	F (6) / 5	1100	70 mm2 / 2/0 AWG	56
LTC1-12F-210G	208/220/240	17	1			6	6	210	F (6) / 6	1320	70 mm2 / 2/0 AWG	58
LTC1-24F-20A	120	6	1	14	5-20	12	1	20	F (6) / 1	125	70 mm2 / 2/0 AWG	46
LTC1-24F-40A	120	11	1			12	2	40	F (6) / 2	250	70 mm2 / 2/0 AWG	49
LTC1-24F-60A	120	16	1			12	3	60	F (6) / 3	375	70 mm2 / 2/0 AWG	51
LTC1-24F-80A	120	22	1	8	5-50	12	4	80	F (6) / 4	500	70 mm2 / 2/0 AWG	54
LTC1-24F-100A	120	28	1			12	5	100	F (6) / 5	625	70 mm2 / 2/0 AWG	56
LTC1-24F-120A	120	33	1			12	6	120	F (6) / 6	750	70 mm2 / 2/0 AWG	58
LTC1-24F-35G	208/220/240	5	1	14	6-20	12	1	35	F (6) / 1	220	70 mm2 / 2/0 AWG	46
LTC1-24F-70G	208/220/240	11	1			12	2	70	F (6) / 2	440	70 mm2 / 2/0 AWG	49
LTC1-24F-105G	208/220/240	16	1			12	3	105	F (6) / 3	660	70 mm2 / 2/0 AWG	51
LTC1-24F-140G	208/220/240	22	1			12	4	140	F (6) / 4	875	70 mm2 / 2/0 AWG	54

LTC1-24F-175G	208/220/240	29	1	8	6-50	12	5	175	F (6) / 5	1100	70 mm2 / 2/0 AWG	56
LTC1-24F-210G	208/220/240	33	1			12	5-30	18/24	1	14/11	F (6) / 1	90/70
LTC1-48F-11A	120	6	1	12	5-30	18/24	2	28/22	F (6) / 2	175/140	70 mm2 / 2/0 AWG	49
LTC1-48F-22A	120	12	1			18/24	3	42/33	F (6) / 3	265/210	70 mm2 / 2/0 AWG	51
LTC1-48F-33A	120	18	1	8	5-50	18/24	4	56/44	F (6) / 4	350/275	70 mm2 / 2/0 AWG	54
LTC1-48F-44A	120	24	1			18/24	5	70/55	F (6) / 5	440/345	70 mm2 / 2/0 AWG	56
LTC1-48F-55A	120	30	1	12	6-30	18/24	6	84/66	F (6) / 6	530/420	70 mm2 / 2/0 AWG	58
LTC1-48F-66A	120	36	1			18/24	1	24/18	C (3) / 1	150/115	70 mm2 / 2/0 AWG	13
LTC1-48C-18G	208/220/240	5	1	8	6-50	18/24	2	48/36	C (3) / 2	300/225	70 mm2 / 2/0 AWG	16
LTC1-48C-36G	208/220/240	12	1			18/24	3	72/54	C (3) / 3	450/340	70 mm2 / 2/0 AWG	18
LTC1-48C-54G	208/220/240	17	1	12	6-50	18/24	4	96/72	F (6) / 4	600/450	70 mm2 / 2/0 AWG	54
LTC1-48F-72G	208/220/240	24	1			18/24	5	120/90	F (6) / 5	750/565	70 mm2 / 2/0 AWG	56
LTC1-48F-90G	208/220/240	29	1	8	6-50	18/24	6	144/108	F (6) / 6	900/675	70 mm2 / 2/0 AWG	58
LTC1-48F-108G	208/220/240	35	1			18/24	6	144/108	F (6) / 6	900/675	70 mm2 / 2/0 AWG	58

*Standard cabinet size is designated in the model number by a letter code preceding nominal battery voltage (Example: LTM1-48C-54G): C = 3 bay cabinet, 13.5" x 9.8" x 7.2" F = 6 bay cabinet, 20.37" x 10.11" x 16.36".

Please Note: CEC Compliant chargers will include a C in the part number – example: LTC1C48C-54G.

LTM1CTS Rev. 1

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