



SPEC SHEETS

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The Powerhouse Charger Family

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The PowerHouse EP charger is a full featured, light to medium duty industrial battery charger. Charges fully discharged batteries in approximately 10 hours. The PowerHouse EP uses exclusive ECO-250 digital control technology.

- Technology: Linear
- Manufactured: Italy
- Assembled: Piqua, OH
- Standard Lead Time: 1-2 Weeks
- Warranty: 1 Year Full/5 Year Parts
- AC Input: Multi
- DC Voltage: Single



Charger Dimensions

26.5”H x 21.5” W x 22.5” D

Model	Cell	Phase	DC Output	208 VAC	240 VAC	480 VAC	575 VAC	Weight
24V/80A-1	12 (24)	1	80	14.7	12.8	-	-	133
24V/100A-1	12 (24)	1	100	18.4	16	-	-	137
24V/120A-1	12 (24)	1	120	22.2	19.2	-	-	148
24V/140A-1	12 (24)	1	140	25.9	22.1	-	-	161
24V/80A-3	12 (24)	3	80	8	7	3.5	2.8	152
24V/100A-3	12 (24)	3	100	10.1	8.8	4.3	3.5	161
24V/120A-3	12 (24)	3	120	12.1	10.5	5.3	4.2	170
24V/140A-3	12 (24)	3	140	14.1	12.2	6.1	4.8	181
24V/160A-3	12 (24)	3	160	16.1	13.9	7	5.6	198
24V/180A-3	12 (24)	3	180	18.1	15.7	7.8	6.3	207
24V/200A-3	12 (24)	3	200	20.1	17.4	8.8	7	218
36V/80A-1	18 (36)	1	80	21.7	18.1	-	-	155
36V/100A-1	18 (36)	1	100	27.2	23.6	-	-	164
36V/120A-1	18 (36)	1	120	32.7	28.3	-	-	172
36V/140A-1	18 (36)	1	140	38.1	33	-	-	186
36V/160A-1	18 (36)	1	160	43.6	37.8	-	-	199
36V/180A-1	18 (36)	1	180	48.9	42.4	-	-	212
36V/80A-3	18 (36)	3	80	11.9	10.3	5.2	4.1	170
36V/100A-3	18 (36)	3	100	14.8	12.9	6.4	5.2	176
36V/120A-3	18 (36)	3	120	17.8	15.5	7.7	6.2	190
36V/140A-3	18 (36)	3	140	20.7	18	9	7.2	209
36V/160A-3	18 (36)	3	160	23.7	20.5	10.3	8.2	225
36V/180A-3	18 (36)	3	180	26.7	23.1	11.5	9.3	243
36V/200A-3	18 (36)	3	200	29.7	25.7	12.9	10.3	269
48V/100A-1	24 (48)	1	100	36	31.2	-	-	164
48V/100A-3	24 (48)	3	100	19.6	17	8.8	6.8	203
48V/120A-3	24 (48)	3	120	23.5	20.4	10.2	8.2	225
48V/140A-3	24 (48)	3	140	27.4	23.8	11.9	9.5	238
48V/160A-3	24 (48)	3	160	31.3	27.2	13.6	10.8	284
48V/180V-3	24 (48)	3	180	35.2	30.5	15.2	12.3	295
80V/100A-3	40 (80)	3	100	32.4	28.1	14.1	11.3	256

*575 VAC is special order charger (not included in base 208/240/480 model)

The PowerHouse EL charger is a 100% rated 10 hour charger

- Technology: Ferroresonant
- Manufactured: St. Louis, MO
- Assembled: St. Louis, MO
- Standard Lead Time: 2 Weeks
- Warranty: 5 Years
- AC Input: Multi
- DC Voltage: Single



Charger Dimensions

550 Case (20 1/2 x 14 3/4 x 17 1/4)

551 Case (26 x 24 5/8 x 24 1/4)

552 Case (28 x 27 5/8 x 38 1/4)

Model	Cell (Volts)	Phase	DC Output	208 VAC	240 VAC	480 VAC	Weight	Case
PEL12-250B1	12 (24)	1	40	6.8	5.9	2.9	95	500
PEL12-375B1	12 (24)	1	60	10.2	8.8	4.4	120	500
PEL12-500B1	12 (24)	1	80	13.6	11.8	5.9	125	500
PEL12-625B1	12 (24)	1	100	17.0	14.7	7.4	140	500
PEL12-750B1	12 (24)	1	120	20.4	17.6	8.8	140	500
PEL12-875B1	12 (24)	1	140	23.7	20.6	10.3	200	551
PEL12-975B1	12 (24)	1	156	26.5	22.9	11.5	220	551
PEL18-250B1	18 (36)	1	40	10.2	8.8	4.4	95	500
PEL18-375B1	18 (36)	1	60	15.3	13.2	6.6	120	500
PEL18-500B1	18 (36)	1	80	20.4	17.6	8.8	125	500
PEL18-625B1	18 (36)	1	100	25.4	22.1	11.0	200	551
PEL18-750B1	18 (36)	1	120	30.5	26.5	13.2	220	551
PEL18-875B1	18 (36)	1	140	35.6	30.9	15.4	235	551
PEL18-975B1	18 (36)	1	156	39.7	34.4	17.2	265	551
PEL24-250B1	24 (48)	1	40	13.6	11.8	5.9	120	551
PEL24-375B1	24 (48)	1	60	20.4	17.6	8.8	195	551
PEL24-500B1	24 (48)	1	80	27.1	23.5	11.8	225	551
PEL24-625B1	24 (48)	1	100	33.9	29.4	14.7	240	551
PEL24-750B1	24 (48)	1	120	40.7	35.3	17.6	265	551
PEL24-875B1	24 (48)	1	140	47.5	41.2	20.6	284	551
PEL24-975B1	24 (48)	1	156	-	45.9	22.9	284	551
PEL40-250B1	40 (80)	1	40	22.6	19.6	9.8	225	551
PEL40-375B1	40 (80)	1	60	33.9	29.4	14.7	240	551
PEL40-500B1	40 (80)	1	80	45.2	39.2	19.6	265	551
PEL40-625B1	40 (80)	1	100	-	-	24.5	284	551
PEL40-750B1	40 (80)	1	120	-	-	29.4	375	551

Three Phase Conventional

The PowerHouse Premium Charger is a 100% rated 8 hour charger.

Model	Cell (Volts)	Phase	DC Output	208 VAC	240 VAC	480 VAC	Weight	Case
PEL12-250B3	12 (24)	3	40	3.9	3.4	1.7	180	551
PEL12-375B3	12 (24)	3	60	5.9	5.1	2.5	190	551
PEL12-500B3	12 (24)	3	80	7.8	6.8	3.4	200	551
PEL12-625B3	12 (24)	3	100	9.8	8.5	4.2	210	551
PEL12-750B3	12 (24)	3	120	11.8	10.2	5.1	225	551
PEL12-875B3	12 (24)	3	140	13.7	11.9	5.9	250	551
PEL12-1000B3	12 (24)	3	160	15.7	13.6	6.8	245	551
PEL12-1125B3	12 (24)	3	180	17.6	15.3	7.6	320	551
PEL12-1250B3	12 (24)	3	200	19.6	17.0	8.5	335	551
PEL18-250B3	18 (36)	3	40	5.9	5.1	2.5	200	551
PEL18-375B3	18 (36)	3	60	8.8	7.6	3.8	210	551
PEL18-500B3	18 (36)	3	80	11.8	10.2	5.1	220	551
PEL18-625B3	18 (36)	3	100	14.7	12.7	6.4	250	551
PEL18-750B3	18 (36)	3	120	17.6	15.3	7.6	260	551
PEL18-875B3	18 (36)	3	140	20.6	17.8	8.9	260	551
PEL18-1000B3	18 (36)	3	160	23.5	20.4	10.2	290	551
PEL18-1125B3	18 (36)	3	180	26.5	22.9	11.5	320	551
PEL18-1250B3	18 (36)	3	200	29.4	25.5	12.7	335	551
PEL24-250B3	24 (48)	3	40	7.8	6.8	3.4	200	551
PEL24-375B3	24 (48)	3	60	11.8	10.2	5.1	220	551
PEL24-500B3	24 (48)	3	80	15.7	13.6	6.8	235	551
PEL24-625B3	24 (48)	3	100	19.6	17.0	8.5	250	551
PEL24-750B3	24 (48)	3	120	23.5	20.4	10.2	290	551
PEL24-875B3	24 (48)	3	140	27.5	23.8	11.9	320	551
PEL24-1000B3	24 (48)	3	160	31.4	27.2	13.6	320	551
PEL24-1125B3	24 (48)	3	180	35.3	30.6	15.3	320	551
PEL24-1250B3	24 (48)	3	200	39.2	34.0	17.0	515	552
PEL40-250B3	40 (80)	3	40	13.1	11.3	5.7	290	551
PEL40-375B3	40 (80)	3	60	19.6	17.0	8.5	305	551
PEL40-500B3	40 (80)	3	80	26.1	22.7	11.3	320	551
PEL40-625B3	40 (80)	3	100	32.7	28.3	14.2	420	551
PEL40-750B3	40 (80)	3	120	39.2	34.0	17.0	450	552
PEL40-875B3	40 (80)	3	140	45.8	39.7	19.8	500	552
PEL40-1000B3	40 (80)	3	160	-	45.3	22.7	560	552
PEL40-1125B3	40 (80)	3	180	-	-	25.5	600	552
PEL40-1250B3	40 (80)	3	200	-	-	28.3	630	552

- Technology: Ferroresonant
- Manufactured: St. Louis, MO
- Assembled: St. Louis, MO
- Standard Lead Time: 2 Weeks
- Warranty: 5+5 Years
- AC Input: Multi
- DC Voltage: Single



Charger Dimensions

500 Case (20 1/2 x 14 3/4 x 17 1/4)

501 Case (26 x 24 5/8 x 24 1/4)

502 Case (28 x 27 5/8 x 38 1/4)



PHP

Single Phase Ferroresonant

Model	Cell (Volts)	Phase	DC Output	208 VAC	240 VAC	480 VAC	Weight	Case
PHP12-180B1	12 (24)	1	33	5.2	4.5	2.3	75	500
PHP12-260B1	12 (24)	1	47	7.6	6.6	3.3	82	500
PHP12-380B1	12 (24)	1	69	11.1	9.7	4.8	100	500
PHP12-475B1	12 (24)	1	86	13.9	12	6	100	500
PHP12-510B1	12 (24)	1	92	15.6	13.5	6.8	186	501
PHP12-600B1	12 (24)	1	108	17.4	15.1	7.6	197	501
PHP12-750B1	12 (24)	1	135	21.8	18.9	9.5	216	501
PHP12-865B1	12 (24)	1	156	25.2	21.8	10.9	216	501
PHP12-965B1	12 (24)	1	174	28.1	24.4	12.2	258	501
PHP18-260B1	18 (36)	1	47	11.4	9.9	4.9	100	500
PHP18-380B1	18 (36)	1	69	16.7	14.5	7.2	117	500
PHP18-475B1	18 (36)	1	86	20.8	18.1	9	190	501
PHP18-600B1	18 (36)	1	108	26.2	22.7	11.3	216	501
PHP18-750B1	18 (36)	1	135	32.7	28.4	14.2	258	501
PHP18-865B1	18 (36)	1	156	37.8	32.8	16.4	258	501
PHP18-965B1	18 (36)	1	174	42.2	36.5	18.3	258	501
PHP24-260B1	24 (48)	1	47	15.2	13.2	6.6	105	500
PHP24-380B1	24 (48)	1	69	22.3	19.3	9.7	207	501
PHP24-475B1	24 (48)	1	86	27.8	24.1	12	215	501
PHP24-600B1	24 (48)	1	108	34.9	30.2	15.1	258	501
PHP24-750B1	24 (48)	1	135	43.6	37.8	18.9	258	501
PHP24-865B1	24 (48)	1	156	-	43.7	21.8	275	501
PHP24-965B1	24 (48)	1	174	-	-	24.4	316	501
PHP40-475B1	40 (80)	1	86	-	-	24.4	258	501
PHP40-600B1	40 (80)	1	108	-	-	26.5	275	501



PHP

Three Phase Ferroresonant

Continued

Model	Cell	Phase	DC Output	208 VAC	240 VAC	480 VAC	Weight	Case
PHP12-380B3	12 (24)	3	69	6.4	5.6	2.8	164	501
PHP12-475B3	12 (24)	3	86	8	7	3.5	220	501
PHP12-510B3	12 (24)	3	92	9	7.8	3.9	220	501
PHP12-600B3	12 (24)	3	108	10.1	8.7	4.4	191	501
PHP12-750B3	12 (24)	3	135	12.6	10.9	5.5	202	501
PHP12-865B3	12 (24)	3	156	14.6	12.6	6.3	220	501
PHP12-965B3	12 (24)	3	174	16.2	14.1	7	220	
PHP12-1050B3	12 (24)	3	189	17.6	15.3	7.6	220	501
PHP12-1200B3	12 (24)	3	216	17.6	15.3	7.6	270	501
PHP12-1450B3	12 (24)	3	261	20.2	17.5	8.7	375	501
PHP18-380B3	18 (36)	3	69	9.7	8.4	4.2	191	501
PHP18-475B3	18 (36)	3	86	12	10.4	5.2	191	501
PHP18-600B3	18 (36)	3	108	15.1	13.1	6.6	220	501
PHP18-750B3	18 (36)	3	135	18.9	16.4	8.2	243	501
PHP18-865B3	18 (36)	3	156	21.8	18.9	9.5	243	501
PHP18-965B3	18 (36)	3	174	24.4	21.1	10.6	268	501
PHP18-1050B3	18 (36)	3	189	26.5	22.9	11.5	268	501
PHP18-1200B3	18 (36)	3	216	30.3	26.2	13.1	360	501
PHP18-1450B3	18 (36)	3	261	36.6	31.7	15.8	466	502
PHP24-380B3	24 (48)	3	69	9.7	8.4	4.2	191	501
PHP24-475B3	24 (48)	3	86	12	10.4	5.2	191	501
PHP24-600B3	24 (48)	3	108	15.1	13.1	6.6	220	501
PHP24-750B3	24 (48)	3	135	18.9	16.4	8.2	243	501
PHP24-865B3	24 (48)	3	156	21.8	18.9	9.5	243	501
PHP24-965B3	24 (48)	3	174	24.4	21.1	10.6	268	501
PHP24-1050B3	24 (48)	3	189	26.5	22.9	11.5	268	502
PHP24-1200B3	24 (48)	3	216	30.3	26.2	13.1	476	502
PHP24-1450B3	24 (48)	3	261	36.6	31.7	15.8	544	502
PHP40-475B3	40 (80)	3	86	26.8	23.2	11.6	268	501
PHP40-600B3	40 (80)	3	108	33.6	29.1	14.6	375	501
PHP40-750B3	40 (80)	3	135	42	36.4	18.2	520	502
PHP40-865B3	40 (80)	3	156	48.6	42.1	21	566	502
PHP40-965B3	40 (80)	3	174	-	46.9	23.5	570	502
PHP40-1050B3	40 (80)	3	189	-	-	25.5	585	502

The PowerHouse FlexMod charger is a high frequency charger.

- Technology: High Frequency
- Manufactured: St. Louis, MO
- Assembled: St. Louis, MO
- Standard Lead Time: 1 - 2 Weeks
- Warranty: 3 Years
- AC Input: Single
- DC Voltage: Multi



Model	Cells	Phase	DC Output	Conventional AH Range	Opportunity AH Range	Fast AH Range	240 VAC	Weight
PHF12-65-D3	12	3	65	0-390	0-260	0-160	5	60
PHF12-130-D3	12	3	130	391-780	261-520	161-330	9.8	60
PHF12-195-D3	12	3	195	781-1170	521-780	331-490	14.8	65
PHF12-260D3	12	3	260	1171-1570	781-1040	491-650	19.6	65
PHF12-325D3	12	3	325	1571-1960	1041-1300	651-810	24.6	75
PHF18-50-D3	12/18	3	50	0-300	0-200	0-130	5.6	60
PHF18-100-D3	12/18	3	100	301-600	201-400	131-250	11.2	65
PHF18-150-D3	12/18	3	150	601-900	401-600	251-380	16.8	75
PHF18-200-D3	12/18	3	200	901-1170	601-800	381-470	22.4	65
PHF18-250-D3	12/18	3	250	1171-1510	801-1050	501-630	28	75
PHF18-300-D3	12/18	3	300	1511-1810	1051-1200	631-750	33.6	75
PHF18-350-D3	12/18	3	350	1811-2110	1201-1400	751-880	39.2	95
PHF18-400-D3	12/18	3	400	2111-2410	1401-1600	881-1000	44.8	95
PHF24-40-D3	12/18/24	3	40	0-220	0-148	0-90	5.6	60
PHF24-80-D3	12/18/24	3	80	221-450	149-300	91-190	11.2	60
PHF24-120-D3	12/18/24	3	120	451-670	301-448	191-280	16.8	65
PHF24-160-D3	12/18/24	3	160	671-900	448-600	281-380	22.4	65
PHF24-200-D3	12/18/24	3	200	901-1130	601-750	381-470	28	75
PHF24-240-D3	12/18/24	3	240	1131-1360	751-865	471-540	33.6	75
PHF24-262-D3	12/18/24	3	280	1161-1580	866-1048	561-660	39.2	95
PHF24-320-D3	12/18/24	3	320	1581-1810	1049-1200	661-750	44.8	95

Charger Dimensions

22.6" H x 13.3" W x 14.63" D

Model	Cells	Phase	DC	Conventional	Opportunity	Fast AH	480	Weight
PHF12-65-E3	12	3	65	0-390	0-260	0-160	2.5	60
PHF12-130-E3	12	3	130	391-780	261-520	161-330	4.9	60
PHF12-195-E3	12	3	195	781-1170	521-780	331-490	7.4	65
PHF12-260-E3	12	3	260	1171-1570	781-1040	491-650	9.8	65
PHF12-325-E3	12	3	325	1571-1960	1041-1300	651-810	12.3	75
PHF18-50-E3	12/18	3	50	0-300	0-200	0-130	2.8	60
PHF18-100-E3	12/18	3	100	301-600	201-400	131-250	5.6	65
PHF18-150-E3	12/18	3	150	601-900	401-600	251-380	8.4	75
PHF18-200-E3	12/18	3	200	901-1170	601-800	381-470	11.2	65
PHF18-250-E3	12/18	3	250	1171-1510	801-1050	501-630	14	75
PHF18-300-E3	12/18	3	300	1511-1810	1051-1200	631-750	16.8	75
PHF18-350-E3	12/18	3	350	1811-2110	1201-1400	751-880	19.6	95
PHF18-400-E3	12/18	3	400	2111-2410	1401-1600	881-1000	22.4	95
PHF24-40-E3	12/18/24	3	40	0-220	0-148	0-90	2.8	60
PHF24-80-E3	12/18/24	3	80	221-450	149-300	91-190	5.6	60
PHF24-120-E3	12/18/24	3	120	451-670	301-448	191-280	8.4	65
PHF24-160-E3	12/18/24	3	160	671-900	448-600	281-380	11.2	65
PHF24-200-E3	12/18/24	3	200	901-1130	601-750	381-470	14	75
PHF24-240-E3	12/18/24	3	240	1131-1360	751-865	471-540	16.8	75
PHF24-280-E3	12/18/24	3	280	1161-1580	866-1048	561-660	19.6	95
PHF24-320-E3	12/18/24	3	320	1581-1810	1049-1200	661-750	22.4	95
PHF40-23-E3	36/40	3	23	0-140	0-92	0-60	2.8	60
PHF40-45-E3	36/40	3	45	141-270	93-180	61-110	5.6	60
PHF40-68-E3	36/40	3	68	271-410	181-272	111-170	8.4	65
PHF40-90-E3	36/40	3	90	411-540	272-360	171-230	11.2	65
PHF40-113-E3	36/40	3	113	541-680	361-452	231-280	14	75
PHF40-135-E3	36/40	3	135	681-810	453-540	281-340	16.8	75
PHF40-158-E3	36/40	3	158	811-950	541-632	341-400	19.6	95
PHF40-180-E3	36/40	3	180	951-1080	633-720	401-450	22.4	95

The PowerHouse PAC charger is a high frequency charger.



- Technology: 110 Plug In
- Manufactured: Sweden
- Assembled: Piqua, OH
- Standard Lead Time: 1 - 2 Weeks
- Warranty: 1 Year
- AC Input: Single
- DC Voltage: Single

Charger Dimensions

PAC800: 8.5"x 4.25"x 3"

PAC1300: 9.75"x 6.5"x 3"

Model	Cell	Phase	DC Output	120 VAC	Weight
PAC 12/30	6 (12)	1	30	5	3.3
PAC 24/30	12 (24)	1	30	9	3.3
PAC 36/20	18 (36)	1	20	9	3.3
PAC48/15	24 (48)	1	15	9	3.3
PAC 12/50	6 (12)	1	50	7	7.5
PAC 24/50	12 (24)	1	50	12	7.5
PAC 36/33	18 (36)	1	33	12	7.5
PAC 48/25	24 (48)	1	30	12	7.5

Conventional Three Phase

- Technology: High Frequency
- Manufactured: Sweden
- Assembled: Piqua, OH
- Standard Lead Time: 1-2 Weeks
- Warranty: 3 Years
- AC Input: Single
- DC Voltage: Multi



Cabinet Dimensions *(Last Number in Model Number)*

Example: 24-510-33OC (33 Cabinet)

30: 13.5" x 10.5" x 5.5" (Wall Mount)

31: 21"x 10"x 9" (Wall Mount)

32: 25.75"x 10"x 19.25" (Wall Mount)

33: 22.5"x 10.5"x 9.75" (Wall Mount)

34: 14"x 23"x 24.5" (Shelf Mount)

Model	Voltage	Phase	DC Output	208 VAC	240 VAC	480 VAC	575 VAC	Weight	Cabinet
24-255-30	12 (24)	3	42	-	-	2	-	20	30
24-375-30	12 (24)	3	61	-	-	3	-	20	30
24-510-30	12 (24)	3	83	-	-	4	-	22	30
24-600-30	12 (24)	3	98	-	-	4	-	22	30
24-680-30	12 (24)	3	111	-	-	5	-	22	30
24-765-30	12 (24)	3	125	-	-	5	-	25	30
24-935-31	12 (24)	3	152	-	-	6	-	49	31
24-1045-31	12 (24)	3	170	-	-	7	-	49	31
24-1190-33	12 (24)	3	194	-	-	8	-	55	33
24-1350-33	12 (24)	3	220	-	-	9	-	55	33
36-255-30	18 (36)	3	42	-	-	3	-	20	30
36-375-30	18 (36)	3	61	-	-	4	-	20	30
36-510-30	18 (36)	3	83	-	-	5	-	22	30
36-650-30	18 (36)	3	105	-	-	6	-	22	30
36-765-31	18 (36)	3	125	-	-	8	-	49	31
36-935-31	18 (36)	3	152	-	-	9	-	49	31
36-1045-31	18 (36)	3	170	-	-	10	-	49	31
36-1190-33	18 (36)	3	194	-	-	12	-	57	33
36-1275-33	18 (36)	3	208	-	-	13	-	57	33
36-1350-33	18 (36)	3	220	-	-	13	-	57	33
36-1600-33	18 (36)	3	260	-	-	16	-	90	33
48-255-30	24 (48)	3	42	-	-	3	-	20	30
48-375-30	24 (48)	3	61	-	-	4	-	20	30
48-500-30	24 (48)	3	80	-	-	6	-	22	30
48-680-31	24 (48)	3	111	-	-	9	-	46	31
48-800-31	24 (48)	3	130	-	-	11	-	49	31
48-935-33	24 (48)	3	152	-	-	12	-	57	33
48-1010-33	24 (48)	3	165	-	-	14	-	57	33
48-1190-33	24 (48)	3	194	-	-	16	-	87	33
48-1350-33	24 (48)	3	222	-	-	18	-	87	33
48-1600-32	24 (48)	3	260	-	-	21	-	90	32
80-255-33	40 (80)	3	42	-	-	6	-	43	33
80-500-33	40 (80)	3	80	-	-	11	-	46	33
80-615-33	40 (80)	3	100	-	-	13	-	57	33
80-680-33	40 (80)	3	111	-	-	15	-	84	33
80-800-33	40 (80)	3	130	-	-	17	-	86	33
80-980-32	40 (80)	3	160	-	-	21	-	86	32
80-1045-32	40 (80)	3	170	-	-	22	-	89	32
80-1230-32	40 (80)	3	200	-	-	26	-	90	32



ACCESS



ACCESS

Conventional Low Voltage Three Phase

Model	Voltage	Phase	DC Output	208 VAC	240 VAC	480 VAC	575 VAC	Weight	Cabinet
24-255-30-L	12 (24)	3	42	4	4	-	-	20	30
24-375-30-L	12 (24)	3	61	7	6	-	-	20	30
24-510-30-L	12 (24)	3	83	8	7	-	-	22	30
24-600-30-L	12 (24)	3	98	9	8	-	-	22	30
24-680-30-L	12 (24)	3	111	10	9	-	-	22	30
24-765-30-L	12 (24)	3	125	12	10	-	-	22	30
24-935-31-L	12 (24)	3	152	14	12	-	-	49	31
24-1045-31-L	12 (24)	3	170	14	14	-	-	49	31
24-1190-32-L	12 (24)	3	194	18	16	-	-	55	32
24-1350-32-L	12 (24)	3	220	20	18	-	-	55	32
36-255-30-L	18 (36)	3	42	7	6	-	-	20	30
36-375-30-L	18 (36)	3	61	8	7	-	-	20	30
36-510-30-L	18 (36)	3	83	11	10	-	-	22	30
36-650-30-L	18 (36)	3	105	13	12	-	-	22	30
36-765-31-L	18 (36)	3	125	17	15	-	-	49	31
36-935-31-L	18 (36)	3	152	20	18	-	-	49	31
36-1045-31-L	18 (36)	3	170	23	20	-	-	49	31
36-1190-32-L	18 (36)	3	194	28	24	-	-	57	32
36-1275-32-L	18 (36)	3	208	30	26	-	-	60	32
36-1350-32-L	18 (36)	3	220	32	28	-	-	60	32
36-1600-32-L	18 (36)	3	260	37	32	-	-	90	32
48-255-30-L	24 (48)	3	42	7	6	-	-	20	30
48-375-30-L	24 (48)	3	61	9	8	-	-	20	30
48-500-30-L	24 (48)	3	83	15	13	-	-	22	30
48-680-31-L	24 (48)	3	111	20	17	-	-	46	31
48-800-31-L	24 (48)	3	130	23	20	-	-	49	31
48-935-32-L	24 (48)	3	152	28	24	-	-	57	32
48-1045-32-L	24 (48)	3	170	32	28	-	-	57	32
48-1190-32-L	24 (48)	3	194	35	30	-	-	87	32
48-1360-32-L	24 (48)	3	222	40	34	-	-	87	32
48-1600-32-L	24 (48)	3	260	47	40	-	-	90	32
80-255-31-L	40 (80)	3	42	12	11	-	-	43	31
80-500-31-L	40 (80)	3	80	24	21	-	-	46	31
80-680-32-L	40 (80)	3	111	33	28	-	-	84	32
80-800-32-L	40 (80)	3	130	38	33	-	-	87	32
80-980-32-L	40 (80)	3	160	47	41	-	-	87	32

Opportunity Charge Three Phase

Model	Voltage	Phase	DC Output	208 VAC	240 VAC	480 VAC	575 VAC	Weight	Cabinet
24-255-30OC	12 (24)	3	64	-	-	3	-	20	30
24-375-30OC	12 (24)	3	94	-	-	4	-	22	30
24-510-30OC	12 (24)	3	128	-	-	5	-	25	30
24-680-31OC	12 (24)	3	170	-	-	7	-	49	31
24-765-33OC	12 (24)	3	191	-	-	8	-	55	33
24-880-33OC	12 (24)	3	220	-	-	9	-	55	33
24-935-33OC	12 (24)	3	234	-	-	10	-	87	33
24-1045-33OC	12 (24)	3	260	-	-	11	-	90	33
24-1200-33OC	12 (24)	3	298	-	-	12	-	94	33
24-1445-32OC	12 (24)	3	361	-	-	15	-	97	32
36-255-30OC	18 (36)	3	64	-	-	4	-	20	30
36-420-30OC	18 (36)	3	105	-	-	6	-	22	30
36-510-31OC	18 (36)	3	128	-	-	8	-	46	31
36-680-31OC	18 (36)	3	170	-	-	10	-	49	31
36-765-33OC	18 (36)	3	191	-	-	12	-	55	33
36-880-33OC	18 (36)	3	220	-	-	13	-	55	33
36-935-33OC	18 (36)	3	234	-	-	14	-	87	33
36-1045-33OC	18 (36)	3	260	-	-	16	-	90	33
36-1200-33OC	18 (36)	3	298	-	-	18	-	90	33
36-1360-32OC	18 (36)	3	340	-	-	20	-	94	32
36-1445-32OC	18 (36)	3	360	-	-	22	-	97	32
36-1680-32OC	18 (36)	3	420	-	-	26	-	97	32
48-320-30OC	24 (48)	3	80	-	-	6	-	22	30
48-510-31OC	24 (48)	3	128	-	-	11	-	49	31
48-595-33OC	24 (48)	3	149	-	-	12	-	55	33
48-660-33OC	24 (48)	3	165	-	-	13	-	55	33
48-765-33OC	24 (48)	3	191	-	-	16	-	57	33
48-880-33OC	24 (48)	3	220	-	-	17	-	57	33
48-935-32OC	24 (48)	3	234	-	-	18	-	87	32
48-1045-32OC	24 (48)	3	260	-	-	21	-	90	32
48-1190-32OC	24 (48)	3	298	-	-	24	-	90	32
48-1275-32OC	24 (48)	3	319	-	-	25	-	90	32
48-1320-32OC	24 (48)	3	330	-	-	26	-	90	32
80-255-33OC	40 (80)	3	64	-	-	9	-	43	33
80-320-33OC	40 (80)	3	80	-	-	11	-	46	33
80-400-33OC	40 (80)	3	100	-	-	13	-	55	33
80-510-33OC	40 (80)	3	128	-	-	17	-	86	33
80-680-32OC	40 (80)	3	160	-	-	22	-	86	32
80-800-32OC	40 (80)	3	200	-	-	26	-	90	32



ACCESS



ACCESS

Opportunity Charge Low Voltage Three Phase

Fast Charge Three Phase

Model	Voltage	Phase	DC Output	208 VAC	240 VAC	480 VAC	575 VAC	Weight	Cabinet
24-255-30OC-L	12 (24)	3	64	6	6	-	-	20	30
24-375-30OC-L	12 (24)	3	94	9	8	-	-	22	30
24-510-30OC-L	12 (24)	3	128	12	10	-	-	25	30
24-680-31OC-L	12 (24)	3	170	16	14	-	-	49	31
24-765-32OC-L	12 (24)	3	191	18	16	-	-	87	32
24-880-32OC-L	12 (24)	3	220	23	20	-	-	87	32
24-935-32OC-L	12 (24)	3	234	23	20	-	-	90	32
24-1045-32OC-L	12 (24)	3	260	25	22	-	-	94	32
24-1190-32OC-L	12 (24)	3	298	29	25	-	-	94	32
36-255-30OC-L	18 (36)	3	64	9	8	-	-	20	30
36-420-30OC-L	18 (36)	3	105	13	12	-	-	22	30
36-510-31OC-L	18 (36)	3	128	17	15	-	-	46	31
36-680-31OC-L	18 (36)	3	170	23	20	-	-	49	31
36-765-32OC-L	18 (36)	3	191	28	24	-	-	86	32
36-935-32OC-L	18 (36)	3	234	33	29	-	-	86	32
36-1045-32OC-L	18 (36)	3	260	37	32	-	-	90	32
36-1190-32OC-L	18 (36)	3	298	42	36	-	-	90	32
36-1360-32OC-L	18 (36)	3	340	48	41	-	-	94	32
48-320-30OC-L	24 (48)	3	80	13	12	-	-	22	30
48-510-31OC-L	24 (48)	3	128	23	20	-	-	49	31
48-595-32OC-L	24 (48)	3	149	28	24	-	-	86	32
48-680-32OC-L	24 (48)	3	170	30	26	-	-	86	32
48-765-32OC-L	24 (48)	3	191	37	32	-	-	87	32
48-935-32OC-L	24 (48)	3	234	42	36	-	-	87	32
48-1045-32OC-L	24 (48)	3	260	49	43	-	-	90	32
80-255-31OC-L	40 (80)	3	64	19	16	-	-	43	31
80-320-31OC-L	40 (80)	3	80	24	21	-	-	46	31
80-510-32OC-L	40 (80)	3	128	38	33	-	-	86	32
80-635-32OC-L	40 (80)	3	160	47	41	-	-	86	32

Model	Voltage	Phase	DC Output	208 VAC	240 VAC	480 VAC	575 VAC	Weight	Cabinet
24-510-33FC	12 (24)	3	204	-	-	8	-	55	33
24-550-33FC	12 (24)	3	220	-	-	9	-	55	33
24-600-33FC	12 (24)	3	240	-	-	10	-	87	33
24-750-33FC	12 (24)	3	306	-	-	12	-	90	33
24-880-32FC	12 (24)	3	352	-	-	14	-	94	32
24-1050-32FC	12 (24)	3	420	-	-	17	-	102	32
36-510-33FC	18 (36)	3	204	-	-	12	-	55	33
36-550-33FC	18 (36)	3	220	-	-	13	-	55	33
36-600-33FC	18 (36)	3	240	-	-	14	-	87	33
36-750-33FC	18 (36)	3	306	-	-	18	-	90	33
36-880-32FC	18 (36)	3	352	-	-	20	-	94	32
36-1050-32FC	18 (36)	3	420	-	-	26	-	102	32
48-550-33FC	24 (48)	3	204	-	-	16	-	87	33
48-600-32FC	24 (48)	3	240	-	-	19	-	90	32
48-765-32FC	24 (48)	3	306	-	-	24	-	94	32
48-825-32FC	24 (48)	3	330	-	-	26	-	94	32
80-500-32FC	40 (80)	3	200	-	-	26	-	88	32



ACCESS

CEC Conventional Three Phase

Model	Voltage	Phase	DC Output	208 VAC	240 VAC	480 VAC	575 VAC	Weight	Cabinet
CA24-255-30	24	3	42	-	-	2	-	20	30
CA24-375-30	24	3	61	-	-	3	-	20	30
CA24-510-30	24	3	83	-	-	4	-	22	30
CA24-600-30	24	3	98	-	-	4	-	22	30
CA24-680-30	24	3	111	-	-	5	-	46	30
CA24-765-30	24	3	125	-	-	5	-	49	30
CA24-935-33	24	3	152	-	-	6	-	49	30
CA24-1045-33	24	3	170	-	-	7	-	49	33
CA24-1190-33	24	3	194	-	-	8	-	55	33
CA24-1350-33	24	3	220	-	-	9	-	55	33
CA36-510-30	36	3	80	-	-	5	-	25	30
CA36-650-30	36	3	105	-	-	6	-	25	30
CA36-765-33	36	3	125	-	-	8	-	49	33
CA36-935-33	36	3	152	-	-	9	-	49	33
CA36-1045-33	36	3	170	-	-	10	-	49	33
CA36-1190-33	36	3	194	-	-	12	-	57	33
CA36-1275-33	36	3	208	-	-	13	-	57	33
CA36-1350-33	36	3	220	-	-	13	-	57	33
CA36-1600-33	36	3	260	-	-	15	-	62	33
CA48-510-33	48	3	83	-	-	7	-	46	33
CA48-680-33	48	3	111	-	-	9	-	46	33
CA48-800-33	48	3	130	-	-	11	-	49	33
CA48-935-33	48	3	152	-	-	12	-	57	33
CA48-1010-33	48	3	165	-	-	14	-	57	33
CA48-1190-33	48	3	194	-	-	15	-	57	33
CA48-1380-33	48	3	220	-	-	17	-	57	33
CA80-300-33	80	3	42	-	-	6	-	43	33
CA80-500-33	80	3	80	-	-	11	-	46	33
CA80-615-33	80	3	100	-	-	13	-	57	33
CA80-680-32	80	3	111	-	-	15	-	84	32
CA80-800-32	80	3	130	-	-	17	-	86	32



ACCESS

CEC Conventional Low Voltage Three Phase

Model	Voltage	Phase	DC Output	208 VAC	240 VAC	480 VAC	575 VAC	Weight	Cabinet
CA24-255-30-L	24	3	42	4	4	-	-	20	30
CA24-375-30-L	24	3	61	7	6	-	-	20	30
CA24-510-30-L	24	3	83	9	8	-	-	22	30
CA24-600-30-L	24	3	83	9	8	-	-	22	30
CA24-680-30-L	24	3	111	11	10	-	-	22	30
CA24-765-30-L	24	3	125	12	10	-	-	25	30
CA24-935-31-L	24	3	152	14	12	-	-	49	31
CA24-1045-31-L	24	3	170	14	14	-	-	49	31
CA24-1190-32-L	24	3	194	18	16	-	-	55	32
CA24-1350-32-L	24	3	220	20	18	-	-	55	32
CA36-375-30-L	36	3	61	9	8	-	-	20	30
CA36-510-30-L	36	3	83	11	10	-	-	22	30
CA36-650-30-L	36	3	105	13	12	-	-	22	30
CA36-765-31-L	36	3	125	17	15	-	-	49	31
CA36-935-31-L	36	3	152	20	18	-	-	49	31
CA36-1045-31-L	36	3	170	23	20	-	-	49	31
CA36-1190-32-L	36	3	194	28	24	-	-	57	32
CA36-1275-32-L	36	3	208	30	26	-	-	60	32
CA36-1350-32-L	36	3	220	32	28	-	-	60	32
CA36-1600-32-L	36	3	260	37	32	-	-	90	32
CA48-500-30-L	48	3	80	13	12	-	-	22	30
CA48-680-31-L	48	3	111	20	17	-	-	46	31
CA48-800-31-L	48	3	130	23	20	-	-	49	31
CA48-935-32-L	48	3	152	28	24	-	-	57	32
CA48-1045-32-L	48	3	170	32	28	-	-	57	32
CA48-1190-32-L	48	3	194	35	30	-	-	87	32
CA48-1360-32-L	48	3	222	40	34	-	-	87	32
CA48-1600-32-L	48	3	260	47	40	-	-	90	32
CA80-500-31-L	80	3	80	24	21	-	-	46	31
CA80-680-32-L	80	3	111	33	28	-	-	84	332
CA80-800-32-L	80	3	130	38	33	-	-	87	32
CA80-980-32-L	80	3	130	47	41	-	-	87	32



ACCESS

CEC Opportunity Charge Three Phase

Model	Voltage	Phase	DC Output	208 VAC	240 VAC	480 VAC	575 VAC	Weight	Cabinet
CA24-255-30OC	24	3	64	-	-	3	-	20	30
CA24-375-30OC	24	3	94	-	-	4	-	22	30
CA24-510-30OC	24	3	128	-	-	5	-	25	30
CA24-680-33OC	24	3	170	-	-	7	-	49	33
CA24-765-33OC	24	3	191	-	-	8	-	55	33
CA24-880-33OC	24	3	220	-	-	9	-	55	33
CA24-935-33OC	24	3	234	-	-	10	-	87	33
CA24-1045-33OC	24	3	260	-	-	11	-	90	33
CA24-1200-33OC	24	3	300	-	-	12	-	94	33
CA24-1360-32OC	24	3	340	-	-	14	-	97	32
CA36-510-33OC	36	3	128	-	-	8	-	46	33
CA36-680-33OC	36	3	170	-	-	10	-	49	33
CA36-765-33OC	36	3	191	-	-	12	-	57	33
CA36-880-33OC	36	3	220	-	-	13	-	57	33
CA36-935-33OC	36	3	234	-	-	14	-	87	33
CA36-1045-33OC	36	3	260	-	-	16	-	90	33
CA36-1200-33OC	36	3	300	-	-	18	-	90	33
CA36-1360-32OC	36	3	340	-	-	20	-	94	32
CA48-510-33OC	48	3	128	-	-	11	-	49	33
CA48-595-33OC	48	3	149	-	-	12	-	55	33
CA48-660-33OC	48	3	165	-	-	13	-	55	33
CA48-765-33OC	48	3	191	-	-	16	-	57	33
CA48-880-33OC	48	3	220	-	-	17	-	57	33
CA48-935-32OC	48	3	234	-	-	18	-	87	32
CA48-1045-32OC	48	3	260	-	-	21	-	90	32
CA48-1190-32OC	48	3	298	-	-	23	-	90	32
CA80-510-32OC	80	3	128	-	-	17	-	86	32
CA80-680-32OC	80	3	160	-	-	22	-	86	32
CA80-800-32OC	80	3	200	-	-	26	-	90	32



ACCESS

CEC Opportunity Charge Low voltage Three Phase

Model	Voltage	Phase	DC Output	208 VAC	240 VAC	480 VAC	575 VAC	Weight	Cabinet
CA24-255-30OC-L	24	3	64	6	6	-	-	20	30
CA24-375-30OC-L	24	3	94	9	8	-	-	22	30
CA24-510-30OC-L	24	3	128	11	10	-	-	25	30
CA24-680-31OC-L	24	3	170	16	14	-	-	49	31
CA24-765-32OC-L	24	3	191	18	16	-	-	87	32
CA24-880-32OC-L	24	3	220	23	20	-	-	87	32
CA24-935-32OC-L	24	3	234	23	20	-	-	90	32
CA24-1045-32OC-L	24	3	260	25	22	-	-	94	32
CA24-1190-32OC-L	24	3	298	29	25	-	-	94	32
CA36-375-31OC-L	36	3	94	13	11	-	-	43	31
CA36-510-31OC-L	36	3	128	17	15	-	-	46	31
CA36-680-31OC-L	36	3	170	23	20	-	-	49	31
CA36-765-32OC-L	36	3	191	28	24	-	-	86	32
CA36-935-32OC-L	36	3	234	33	29	-	-	86	32
CA36-1045-32OC-L	36	3	260	37	32	-	-	90	32
CA36-1190-32OC-L	36	3	298	42	36	-	-	90	32
CA36-1360-32OC-L	36	3	340	48	41	-	-	94	32
CA48-510-31OC-L	48	3	128	23	20	-	-	49	31
CA48-595-32OC-L	48	3	149	28	24	-	-	86	32
CA48-680-32OC-L	48	3	170	30	26	-	-	86	32
CA48-765-32OC-L	48	3	191	37	32	-	-	87	32
CA48-935-32OC-L	48	3	234	42	36	-	-	87	32
CA48-1045-32OC-L	48	3	260	49	43	-	-	90	32
CA80-510-32OC-L	80	3	128	38	33	-	-	86	32
CA80-635-32OC-L	80	3	160	47	41	-	-	86	32



ACCESS

CEC Fast Charge Three Phase



ACCESS

CEC Conventional Three Phase (Standard Cabinet)

Model	Voltage	Phase	DC Output	208 VAC	240 VAC	480 VAC	575 VAC	Weight
CA24-510-33FC	24	3	204	-	-	8	-	55
CA24-550-33FC	24	3	220	-	-	9	-	55
CA24-600-33FC	24	3	240	-	-	10	-	57
CA24-750-33FC	24	3	300	-	-	12	-	61
CA24-880-32FC	24	3	352	-	-	14	-	94
CA24-1050-32FC	24	3	420	-	-	17	-	102
CA36-510-33FC	36	3	204	-	-	12	-	55
CA36-550-33FC	36	3	220	-	-	13	-	55
CA36-600-33FC	36	3	240	-	-	14	-	57
CA36-750-33FC	36	3	300	-	-	18	-	61
CA36-880-32FC	36	3	352	-	-	20	-	94
CA36-1050-32FC	36	3	420	-	-	26	-	102
CA48-550-33FC	48	3	220	-	-	17	-	57
CA48-600-32FC	48	3	240	-	-	19	-	90
CA48-765-32FC	48	3	306	-	-	24	-	94
CA48-825-32FC	48	3	330	-	-	26	-	94
CA80-500-32FC	80	3	200	-	-	26	-	88

Model	Voltage	Phase	DC Output	208 VAC	240 VAC	480 VAC	575 VAC	Weight	Cabinet
CA24-510-34	24	3	83	-	-	4	-	113	34
CA24-680-34	24	3	111	-	-	5	-	113	34
CA24-765-34	24	3	125	-	-	5	-	116	34
CA24-935-34	24	3	152	-	-	6	-	116	34
CA24-1045-34	24	3	170	-	-	7	-	116	34
CA24-1190-34	24	3	194	-	-	8	-	122	34
CA24-1350-34	24	3	220	-	-	9	-	122	34
CA36-510-34	36	3	83	-	-	5	-	113	34
CA36-765-34	36	3	125	-	-	8	-	116	34
CA36-935-34	36	3	152	-	-	9	-	119	34
CA36-1045-34	36	3	170	-	-	10	-	119	34
CA36-1190-34	36	3	194	-	-	12	-	127	34
CA36-1275-34	36	3	208	-	-	13	-	127	34
CA36-1350-34	36	3	220	-	-	13	-	127	34
CA48-510-34	48	3	83	-	-	7	-	113	34
CA48-680-34	48	3	111	-	-	9	-	113	34
CA48-800-34	48	3	130	-	-	11	-	116	34
CA48-935-34	48	3	152	-	-	12	-	127	34
CA48-1010-34	48	3	165	-	-	14	-	127	34
CA48-1190-34	48	3	194	-	-	16	-	119	34
CA48-1350-34	48	3	220	-	-	17	-	150	34
CA80-300-34	80	3	42	-	-	6	-	110	34
CA80-500-34	80	3	80	-	-	11	-	113	34
CA80-615-34	80	3	100	-	-	13	-	123	34
CA80-680-34	80	3	111	-	-	15	-	143	34
CA80-800-34	80	3	130	-	-	17	-	146	34
CA80-935-34	80	3	152	-	-	20	-	146	34



ACCESS

CEC Opportunity Charge Three Phase (Standard Cabinet)

Model	Voltage	Phase	DC Output	208 VAC	240 VAC	480 VAC	575 VAC	Weight	Cabinet
CA24-510-34OC	24	3	128	-	-	5	-	116	34
CA24-680-34OC	24	3	170	-	-	7	-	116	34
CA24-765-34OC	24	3	191	-	-	8	-	122	34
CA24-880-34OC	24	3	220	-	-	9	-	122	34
CA24-935-34OC	24	3	234	-	-	10	-	124	34
CA24-1045-34OC	24	3	260	-	-	11	-	124	34
CA24-1200-34OC	24	3	300	-	-	12	-	129	34
CA24-1360-34OC	24	3	340	-	-	14	-	148	34
CA24-1445-34OC	24	3	361	-	-	15	-	148	34
CA24-1680-34OC	24	3	420	-	-	17	-	161	34
CA36-510-34OC	36	3	128	-	-	8	-	113	34
CA36-680-34OC	36	3	170	-	-	10	-	116	34
CA36-765-34OC	36	3	191	-	-	12	-	124	34
CA36-880-34OC	36	3	220	-	-	13	-	124	34
CA36-935-34OC	36	3	234	-	-	14	-	124	34
CA36-1045-34OC	36	3	260	-	-	16	-	126	34
CA36-1200-34OC	36	3	300	-	-	18	-	129	34
CA36-1360-34OC	36	3	340	-	-	20	-	148	34
CA36-1445-34OC	36	3	361	-	-	22	-	161	34
CA36-1680-34OC	36	3	420	-	-	26	-	161	34
CA48-510-34OC	48	3	128	-	-	11	-	116	34
CA48-595-34OC	48	3	149	-	-	12	-	122	34
CA48-660-34OC	48	3	165	-	-	13	-	122	34
CA48-765-34OC	48	3	191	-	-	16	-	124	34
CA48-880-34OC	48	3	220	-	-	18	-	126	34
CA48-935-34OC	48	3	234	-	-	18	-	141	34
CA48-1045-34OC	48	3	260	-	-	21	-	144	34
CA48-1190-34OC	48	3	298	-	-	23	-	148	34
CA48-1320-34OC	48	3	330	-	-	26	-	148	34
CA80-510-34OC	80	3	128	-	-	17	-	140	34
CA80-680-34OC	80	3	160	-	-	22	-	140	34
CA80-800-34OC	80	3	200	-	-	26	-	135	34



ACCESS

CEC Fast Charge Three Phase (Standard Cabinet)

Model	Voltage	Phase	DC Output	208 VAC	240 VAC	480 VAC	575 VAC	Weight	Cabinet
CA24-510-34FC	24	3	204	-	-	8	-	119	34
CA24-550-34FC	24	3	220	-	-	9	-	119	34
CA24-600-34FC	24	3	240	-	-	10	-	141	34
CA24-765-34FC	24	3	306	-	-	12	-	148	34
CA24-880-34FC	24	3	352	-	-	14	-	148	34
CA24-1050-34FC	24	3	420	-	-	17	-	161	34
CA36-510-34FC	36	3	204	-	-	12	-	124	34
CA36-550-34FC	36	3	220	-	-	13	-	124	34
CA36-600-34FC	36	3	240	-	-	14	-	141	34
CA36-765-34FC	36	3	306	-	-	18	-	148	34
CA36-880-34FC	36	3	352	-	-	20	-	161	34
CA36-1050-34FC	36	3	420	-	-	26	-	161	34
CA36-1235-34SFC	36	3	495	-	-	30	-	295	34
CA36-1500-34SFC	36	3	600	-	-	37	-	300	34
CA48-510-34FC	48	3	204	-	-	16	-	141	34
CA48-600-34FC	48	3	240	-	-	19	-	144	34
CA48-765-34FC	48	3	306	-	-	24	-	148	34
CA48-825-34FC	48	3	330	-	-	26	-	148	34
CA48-1000-34SFC	48	3	400	-	-	34	-	295	34
CA48-1235-34SFC	48	3	495	-	-	42	-	295	34
CA48-1500-34SFC	48	3	600	-	-	51	-	350	34
CA80-500-34FC	80	3	200	-	-	26	-	157	34
CA80-750-34SFC	80	3	300	-	-	39	-	270	34
CA80-1000-34SFC	80	3	400	-	-	52	-	320	34



ACCESS



ACCESS

Multi Circuit Conventional Three Phase

Model	Voltage	Phase	DC Output	208 VAC	240 VAC	480 VAC	575 VAC	Weight	Cabinet
CA24-510-34-2	12 (24)	3	83	-	-	8	-	149	34(1)
CA24-510-34-4	12 (24)	3	83	-	-	16	-	300	34(2)
CA24-510-34-6	12 (24)	3	83	-	-	24	-	450	34(3)
CA24-680-34-2	12 (24)	3	111	-	-	10	-	149	34(1)
CA24-680-34-4	12 (24)	3	111	-	-	20	-	300	34(2)
CA24-680-34-6	12 (24)	3	111	-	-	30	-	450	34(3)
CA24-765-34-2	12 (24)	3	125	-	-	10	-	155	34(1)
CA24-765-34-4	12 (24)	3	125	-	-	20	-	312	34(2)
CA24-765-34-6	12 (24)	3	125	-	-	30	-	468	34(3)
CA24-935-34-2	12 (24)	3	152	-	-	12	-	155	34(1)
CA24-935-34-4	12 (24)	3	152	-	-	24	-	312	34(2)
CA24-935-34-6	12 (24)	3	152	-	-	36	-	468	34(3)
CA24-1045-34-2	12 (24)	3	170	-	-	14	-	155	34(1)
CA24-1045-34-4	12 (24)	3	170	-	-	28	-	312	34(2)
CA24-1045-34-6	12 (24)	3	170	-	-	42	-	468	34(3)
CA24-1190-34-2	12 (24)	3	194	-	-	16	-	167	34(1)
CA24-1190-34-4	12 (24)	3	194	-	-	32	-	336	34(2)
CA24-1190-34-6	12 (24)	3	194	-	-	48	-	505	34(3)
CA24-1350-34-2	12 (24)	3	220	-	-	18	-	167	34(1)
CA24-1350-34-4	12 (24)	3	220	-	-	36	-	336	34(2)
CA24-1350-34-6	12 (24)	3	220	-	-	54	-	505	34(3)
CA36-510-34-2	18 (36)	3	83	-	-	10	-	149	34(1)
CA36-510-34-4	18 (36)	3	83	-	-	20	-	300	34(2)
CA36-510-34-6	18 (36)	3	83	-	-	30	-	450	34(3)
CA36-765-34-2	18 (36)	3	125	-	-	16	-	155	34(1)
CA36-765-34-4	18 (36)	3	125	-	-	32	-	312	34(2)
CA36-765-34-6	18 (36)	3	125	-	-	48	-	468	34(3)
CA36-935-34-2	18 (36)	3	152	-	-	18	-	155	34(1)
CA36-935-34-4	18 (36)	3	152	-	-	36	-	312	34(2)
CA36-935-34-6	18 (36)	3	152	-	-	54	-	468	34(3)
CA36-1045-34-2	18 (36)	3	170	-	-	20	-	155	34(1)
CA36-1045-34-4	18 (36)	3	170	-	-	40	-	312	34(2)
CA36-1045-34-6	18 (36)	3	170	-	-	60	-	468	34(3)
CA36-1190-34-2	18 (36)	3	194	-	-	24	-	174	34(1)
CA36-1190-34-4	18 (36)	3	194	-	-	48	-	350	34(2)
CA36-1190-34-6	18 (36)	3	194	-	-	62	-	526	34(3)
CA36-1275-34-2	18 (36)	3	208	-	-	26	-	174	34(1)

Multi Circuit Conventional Three Phase

Continued

Model	Voltage	Phase	DC Output	208 VAC	240 VAC	480 VAC	575 VAC	Weight	Cabinet
CA36-1275-34-4	18 (36)	3	208	-	-	52	-	350	34(2)
CA36-1275-34-6	18 (36)	3	208	-	-	78	-	526	34(3)
CA36-1350-34-2	18 (36)	3	220	-	-	26	-	174	34(1)
CA36-1350-34-4	18 (36)	3	220	-	-	52	-	350	34(2)
CA36-1350-34-6	18 (36)	3	220	-	-	78	-	526	34(3)
CA48-510-34-2	24 (48)	3	83	-	-	14	-	149	34(1)
CA48-510-34-4	24 (48)	3	83	-	-	28	-	300	34(2)
CA48-510-34-6	24 (48)	3	83	-	-	42	-	450	34(3)
CA48-680-34-2	24 (48)	3	111	-	-	18	-	149	34(1)
CA48-680-34-4	24 (48)	3	111	-	-	36	-	300	34(2)
CA48-680-34-6	24 (48)	3	111	-	-	54	-	450	34(3)
CA48-800-34-2	24 (48)	3	130	-	-	22	-	152	34(1)
CA48-800-34-4	24 (48)	3	130	-	-	44	-	306	34(2)
CA48-800-34-6	24 (48)	3	130	-	-	66	-	460	34(3)
CA48-935-34-2	24 (48)	3	152	-	-	24	-	174	34(1)
CA48-935-34-4	24 (48)	3	152	-	-	48	-	350	34(2)
CA48-935-34-6	24 (48)	3	152	-	-	72	-	526	34(3)
CA48-1010-34-2	24 (48)	3	165	-	-	28	-	174	34(1)
CA48-1010-34-4	24 (48)	3	165	-	-	56	-	350	34(2)
CA48-1010-34-6	24 (48)	3	165	-	-	84	-	526	34(3)
CA80-300-34-2	40 (80)	3	42	-	-	12	-	143	34(1)
CA80-300-34-4	40 (80)	3	42	-	-	24	-	288	34(2)
CA80-300-34-6	40 (80)	3	42	-	-	36	-	434	34(3)
CA80-500-34-2	40 (80)	3	80	-	-	22	-	149	34(1)
CA80-500-34-4	40 (80)	3	80	-	-	44	-	300	34(2)
CA80-500-34-6	40 (80)	3	80	-	-	66	-	450	34(3)
CA80-615-34-2	40 (80)	3	100	-	-	26	-	150	34(1)
CA80-615-34-4	40 (80)	3	100	-	-	52	-	302	34(2)
CA80-615-34-6	40 (80)	3	100	-	-	78	-	454	34(3)



ACCESS



ACCESS

Dual Circuit Opportunity Charge Three Phase

Conventional High Voltage Three Phase

Model	Voltage	Phase	DC Output	208 VAC	240 VAC	480 VAC	575 VAC	Weight	Cabinet
CA24-510-34OC-2	12 (24)	3	128	-	-	10	-	154	34(1)
CA24-680-34OC-2	12 (24)	3	170	-	-	14	-	154	34(1)
CA24-765-34OC-2	12 (24)	3	191	-	-	16	-	167	34(1)
CA24-880-34OC-2	12 (24)	3	220	-	-	18	-	167	34(1)
CA24-935-34OC-2	12 (24)	3	234	-	-	20	-	171	34(1)
CA24-1045-34OC-2	12 (24)	3	260	-	-	20	-	171	34(1)
CA24-1200-34OC-2	12 (24)	3	300	-	-	24	-	178	34(1)
CA36-510-34OC-2	18 (36)	3	128	-	-	16	-	149	34(1)
CA36-680-34OC-2	18 (36)	3	170	-	-	20	-	155	34(1)
CA36-765-34OC-2	18 (36)	3	191	-	-	24	-	161	34(1)
CA36-880-34OC-2	18 (36)	3	220	-	-	26	-	161	34(1)
CA36-935-34OC-2	18 (36)	3	234	-	-	28	-	171	34(1)
CA36-1045-34OC-2	18 (36)	3	260	-	-	32	-	171	34(1)
CA36-1200-34OC-2	18 (36)	3	300	-	-	36	-	178	34(1)
CA48-510-34OC-2	24(48)	3	128	-	-	22	-	155	34(1)
CA48-595-34OC-2	24 (48)	3	149	-	-	24	-	167	34(1)
CA48-660-34OC-2	24 (48)	3	165	-	-	26	-	167	34(1)
CA48-750-34OC-2	24 (48)	3	191	-	-	32	-	171	34(1)
CA48-880-34OC-2	24 (48)	3	220	-	-	36	-	175	34(1)
CA80-400-34OC-2	40 (80)	3	100	-	-	26	-	157	34(1)

Model	Voltage	Phase	DC Output	208 VAC	240 VAC	480 VAC	575 VAC	Weight	Cabinet
24-510-33-H	24	3	83	-	-	-	3	46	33
24-680-33-H	24	3	111	-	-	-	4	46	33
24-765-33-H	24	3	125	-	-	-	4	49	33
24-935-33-H	24	3	152	-	-	-	5	49	33
24-1045-33-H	24	3	170	-	-	-	5	49	33
24-1190-33-H	24	3	194	-	-	-	6	55	33
24-1350-33-H	24	3	220	-	-	-	7	55	33
36-375-33-H	36	3	61	-	-	-	3	43	33
36-510-33-H	36	3	83	-	-	-	4	46	33
36-765-33-H	36	3	125	-	-	-	6	49	33
36-935-33-H	36	3	152	-	-	-	7	49	33
36-1045-33-H	36	3	170	-	-	-	8	49	33
36-1190-33-H	36	3	194	-	-	-	9	57	33
36-1275-33-H	36	3	208	-	-	-	10	57	33
36-1350-33-H	36	3	220	-	-	-	10	60	33
36-1600-32-H	36	3	260	-	-	-	12	90	33
48-510-33-H	48	3	83	-	-	-	5	46	33
48-680-33-H	48	3	111	-	-	-	7	46	33
48-800-33-H	48	3	130	-	-	-	8	49	33
48-935-33-H	48	3	152	-	-	-	9	57	33
48-1010-33-H	48	3	165	-	-	-	10	57	33
48-1190-32-H	48	3	194	-	-	-	12	87	33
48-1360-32-H	48	3	222	-	-	-	14	87	33
48-1600-32-H	48	3	260	-	-	-	16	90	33
80-255-31-H	80	3	42	-	-	-	4	43	33
80-500-31-H	80	3	80	-	-	-	8	46	33
80-615-33-H	80	3	100	-	-	-	10	57	33
80-800-32-H	80	3	130	-	-	-	13	87	33
80-980-32-H	80	3	160	-	-	-	16	87	33
80-1045-32-H	80	3	170	-	-	-	17	87	33
80-1230-32-H	80	3	200	-	-	-	20	90	33

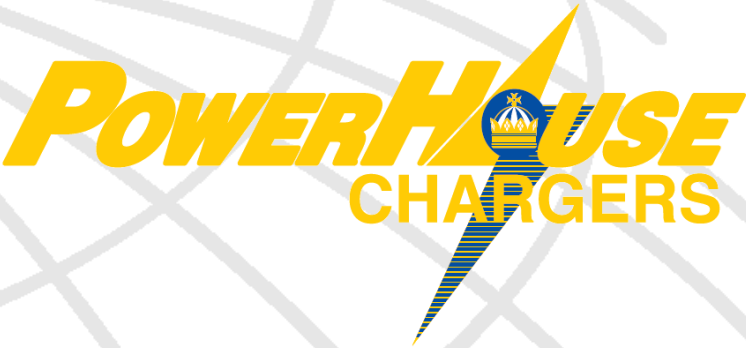
PowerHouse Charger Warranty

Crown Battery Manufacturing (Crown) warrants that each new and unused battery charger manufactured shall be supplied with good workmanship and is free from any known mechanical defect, provided that the Conditions for Warranty Coverage as detailed below are followed and shall be covered for a period as shown in the table below:

Warranty Coverage Periods			
PowerHouse® Charger Series	Full Coverage (Parts and Labor) Warranty Period	Parts Only Warranty Coverage Period	Additional Warranty Coverage
PowerHouse® EP	1 year	5 years	None
PowerHouse® EL	5 year	None	None
PowerHouse® Premium	5 year	5 additional years for power transformers	None
PowerHouse® FlexMod	3 years	None	None
PowerHouse® Access	3 years	7 additional years for power transformers	Up to 5 years full if elected at the time of purchase
PowerHouse® iHF	3 years	None	Up to 7 years full if elected at the time of purchase

Conditions for Warranty Coverage

- 1) User shall install and maintain each charger in accordance with Powerhouse Chargers Installation and Operating Instructions for the model in use.
- 2) User and Powerhouse Chargers shall mutually agree each charger is of the proper size, design and capacity for the duty it is to perform and will not be required to perform in excess of this agreed value during the period of this warranty.
- 3) Charger(s) shall not be subjected to abuse, misuse or physical damage
- 4) Charger(s) shall not be used in a corrosive, abnormally dusty or high humidity or moisture condensing environment or in an ambient temperature greater than 100°F
- 5) Powerhouse Chargers representatives shall be given access to any goods subject to the Limited Warranty for purposes of inspection at reasonable hours and intervals
- 6) Powerhouse Chargers unless otherwise agreed, shall not be obligated to do any installation work in connection with the furnishing of new charger or repair parts and undertakes no responsibility for work done or expense incurred.
- 7) User shall not continue use of charger after discovery of a defect.



Features and Benefits										
Label	Basic Description	Tech	Oppor. Chrging	Fast Chrging	CA Comp.	Multi-AH	Multi-V	Battery Device	Remote Mon.	Energy Mgmt
PowerHouse EP	Basic Linear Transformer Charger	Linear	N	N	N	N	N	N	N	N
PowerHouse EL	Basic Ferro Resonant Charger rated for 100% recharge in 10 hours	Ferro	N	N	N	N	N	N	N	N
PowerHouse PREMIUM	Full featured ferroresonant charger rated for 100% recharge in 8 hours	Ferro	N	N	N	N	N	N	N	N
PowerHouse ACCESS	High Frequency design with top-notch electrical performance and feature rich controls	HF	Y	Y	Y	Y	Y	Y	Y	Y
PowerHouse FlexMod	Modular High Frequency design with strong electrical performance and features that allow for easy addition or subtraction of power	HF	Y	Y	Y	Y	Y	Y	N	Y

