STRYTEN ENERGY

M-SERIES

EXS EXT

M-Series Ferroresonant are conservatively rated to recharge M-Series F100, F110, T300, T310, T330 batteries to full nameplate rated ampere hour capacity within 8 hours.



THE ENERGY TO CHALLENGE

EXS AND EXT FERRORESONANT INDUSTRIAL CHARGERS BATTERIES

100% 8 Hour Charger

Rated to fully recharge a 100% discharged battery within 8 hours.

Regulation

The finish rate is 4.5 amps for each 100 amp-hour size of the charger rating at 2.6 VPC (+/-1% with a line variation of +6/-10%).

Warranty

Chargers are supported by a 5 year warranty to the end user. For the first 5 years, full warranty repair or replacement of defective parts (including labor) for all components is offered. Capacitors, power transformers, and silicon diodes are covered for a full 10 years. For more specific information, see Warranty Statement SE1066.

Superior Quality

Built to meet Battery Council International performance standards.

Efficient Design

High power factor and energy efficiency.

Low Maintenance

Simple and proven design provides years of trouble-free service.

Rugged Case

Sturdy cabinet design allows stacking up to 3 units high.

LCD Display

Displays all charging information on the front panel including DC Amps, Volts, State of Charge, Run Time, Total AH, and Fault Messages.

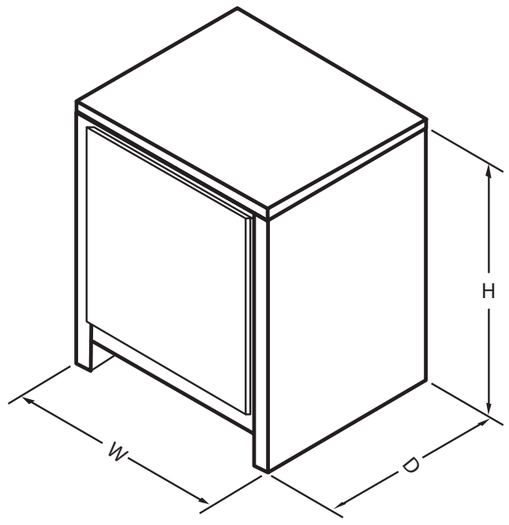
Heavy Duty Rating

Industry-proven ferroresonant circuitry protects against battery overcharge and incorrect battery connections.

Case Dimensions

CASE	HEIGHT		WIDTH		DEPTH	
	in	cm	in	cm	in	cm
500	20.5	52	17.3	44	14.8	37.6
501	26	66	24.3	61.7	24.6	65.5
502	28	71.1	38.3	97.2	27.6	70.1

PART # SUFFIX	1 PHASE	3 PHASE
120/208/240	A	N/A
208/240/480	B	B
600	AG	AG



EXS AND EXT PERFORMANCE MATRIX

CELLS	Ah	RANGE	SINGLE PHASE PART # PREFIX	DC AMPS OUTPUT	AC INPUT AMPS 120V	208V	240V	480V	600V	CASE SIZE	SHIPPING WEIGHT	THREE PHASE PART # PREFIX	DC AMPS OUTPUT	AC INPUT AMPS 208V	240V	480V	600V	CASE SIZE	SHIPPING WEIGHT
6	380	266-380	EXS6380	65	9.6	5.5	4.8	2.4	1.9	500	65	-	-	-	-	-	-	-	-
	595	501-595	-	-	-	-	-	-	-	-	-	EXT6595	102	5.0	4.3	2.2	1.7	501	195
	760	681-760	-	-	-	-	-	-	-	-	-	EXT6760	130	6.4	5.5	2.8	2.2	501	195
12	175	-175	EXS12175	30	8.8	5.1	4.4	2.2	1.8	500	85	-	-	-	-	-	-	-	-
	265	176-265	EXS12265	45	13.2	7.6	6.6	3.3	2.6	500	85	EXT12265	45	4.4	3.8	1.9	1.5	501	170
	380	266-380	-	-	-	-	-	-	-	-	-	EXT12380	65	6.4	5.5	2.8	2.2	501	170
	440	381-440	EXS12440	75	22.1	12.7	11.0	5.5	4.4	500	120	EXT12440	75	7.4	6.4	3.2	2.5	501	195
	595	501-595	EXS12595	102	X	17.3	15.0	7.5	6.0	500	140	EXT12595	102	10.0	8.7	4.3	3.5	501	207
	760	681-760	EXS12760	130	X	22.1	19.1	9.6	7.6	501	210	EXT12760	130	12.7	11.0	5.5	4.4	501	220
	850	761-850	EXS12850	145	X	24.6	21.3	10.7	8.5	501	210	EXT12850	145	14.2	12.3	6.2	4.9	501	250
	935	851-935	EXS12935	160	X	27.1	23.5	11.8	9.4	501	225	EXT12935	160	15.6	13.5	6.8	5.4	501	250
	1025	936-1025	-	-	-	-	-	-	-	-	-	EXT121025	175	17.2	14.9	7.4	5.9	501	250
	1200	1027-1200	-	-	-	-	-	-	-	-	-	EXT121200	221	21.7	18.8	9.4	7.5	501	265
18	380	266-380	EXS18380	65	X	16.5	14.3	7.2	5.7	500	140	-	-	-	-	-	-	-	-
	440	381-440	EXS18440	75	X	19.1	16.5	8.3	6.6	501	140	EXT18440	75	11.0	9.6	4.8	3.8	501	220
	595	501-595	EXS18595	102	X	26.0	22.5	11.2	9.0	501	225	EXT18595	102	15.0	13.0	6.5	5.2	501	250
	680	596-680	EXS18680	116	X	29.5	25.6	12.8	10.2	501	240	-	-	-	-	-	-	-	-
	760	681-760	EXS18760	130	X	33.1	28.7	14.3	11.5	501	240	EXT18760	130	19.1	16.6	8.3	6.6	501	265
	850	761-850	EXS18850	145	X	36.9	32.0	16.0	12.8	501	240	EXT18850	145	21.3	18.5	9.2	7.4	501	265
	935	851-935	EXS18935	160	X	40.7	35.3	17.6	14.1	501	240	EXT18935	160	23.5	20.4	10.2	8.2	501	290
	1025	936-1025	-	-	-	-	-	-	-	-	-	EXT181025	175	25.7	22.3	11.2	8.9	501	290
	1200	1027-1200	EXS181200	221	X	X	45	24.5	19.6	501	284	EXT181200	221	30.0	26.0	13.0	10.4	501	320
	1450	1201-1450	-	-	-	-	-	-	-	-	-	EXT181450	247	36.3	31.5	15.7	12.6	501	450
24	440	381-440	EXS24440	75	X	25.4	22.1	11.0	8.8	501	225	-	-	-	-	-	-	-	-
	500	441-500	-	-	-	-	-	-	-	-	-	EXT24500	85	16.7	14.4	7.2	5.8	501	250
	595	501-595	EXS24595	102	X	34.6	30.0	15.0	12.0	501	240	EXT24595	102	20.0	17.3	8.7	6.9	501	
	760	681-760	EXS24760	130	X	44.1	38.2	19.1	15.3	501	265	EXT24760	130	25.5	22.1	11.0	8.8	501	290
	850	761-850	EXS24850	145	X	X	42.6	21.3	17.1	501	284	EXT24850	145	28.4	24.6	12.3	9.9	501	320
	1200	1027-1200	-	-	-	-	-	-	-	-	-	EXT241200	221	40.0	34.7	17.3	15.0	502	450
40	595	501-595	-	-	-	-	-	-	-	-	-	EXT40595	102	33.3	28.9	14.4	11.6	502	450
	760	681-760	-	-	-	-	-	-	-	-	-	EXT40760	130	42.5	36.8	18.4	14.7	502	515
	850	761-850	-	-	-	-	-	-	-	-	-	EXT40850	145	47.4	41.1	20.5	16.4	502	515

M-SERIES | EXS/EXT | FERRORESONANT INDUSTRIAL CHARGERS

The Energy to Challenge

Stryten Energy helps solve the world's most pressing energy challenges with a broad range of energy storage solutions and components across the Essential Power, Motive Power, Transportation, Military and Government sectors. Headquartered in Alpharetta, Georgia, we partner with some of the world's most recognized companies to meet the growing demand for reliable and sustainable energy storage capacity. Stryten powers everything from submarines to subcompacts, microgrids, warehouses, distribution centers, cars, trains and trucks. Our stored energy technologies include advanced lead, lithium and vanadium redox flow batteries, intelligent chargers and energy performance management software that keep people on the move and supply chains running.

Learn more at ***www.stryten.com***

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