

EXIDE Technologies EF SERIES - Ferroresonant 100% - 8 Hour Chargers

Application

The EF SERIES Ferroresonant chargers are conservatively rated to recharge GNB® Flooded Classic, TITAN®, Tubular HP™ and Liberator® batteries to full nameplate rated ampere hour capacity within 8 hours.

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 have a 10-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 GB4123.

Superior Quality

Built to meet Battery Council International performance standards.

Heavy Duty Rating

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.

Heavy Duty Rating

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

This Exide Technologies Industrial Energy product is represented by:

Name

Phone

Company

EF SERIES Model and Performance Matrix

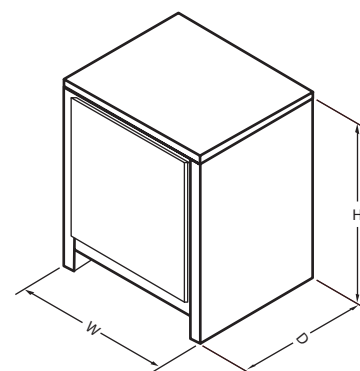
Cells	Amp Hour Capacity		Single Phase								Three Phase							
			DC Amps		AC Input Amps				Case Shipping		DC Amps		AC Input Amps				Case Shipping	
AH	Range	MODEL NUMBER	Output	120V	208V	240V	480V	Size	Weight	MODEL NUMBER	Output	208V	240V	480V	Size	Weight		
6	260	181-260	XPS6-260*	47	6.6	3.8	3.3	1.6	500	70								
	380	261-380	XPS6-380*	69	9.7	5.6	4.8	2.4	500	79	XPT6-380*	69	3.2	2.8	1.4	501	164	
	475	381-475	XPS6-475*	86	12	6.9	6.0	3.0	500	82	XPT6-475*	86	4.0	3.5	1.7	501	164	
	600	476-600	XPS6-600*	108	15.1	8.7	7.6	3.8	500	88	XPT6-600*	108	5.0	4.4	2.2	501	164	
	750	601-750	XPS6-750*	135	18.9	10.9	9.5	4.7	500	88	XPT6-750*	135	6.3	5.5	2.7	501	164	
	865	751-865	XPS6-865*	156	21.8	12.6	10.9	5.5	501	168	XPT6-865*	156	7.3	6.3	3.2	501	182	
	965										XPT6-965*	174	8.1	7.0	3.5	501	182	
	1050										XPT6-1050*	189	8.8	7.6	3.8	501	182	
	1200										XPT6-1200*	216	10.1	8.7	4.4	501	191	
1450										XPT6-1450*	261	12.2	10.6	5.3	501	202		
12	260	181-260	XPS12-260*	47	13.2	7.6	6.6	3.3	500	82								
	380	261-380	XPS12-380*	69	19.3	11.1	9.7	4.8	500	96	XPT12-380*	69	6.4	5.6	2.8	501	164	
	475	381-475	XPS12-475*	86	-	13.9	12	6.0	501	160	XPT12-475*	86	8.0	7.0	3.5	501	182	
	600	476-600	XPS12-600*	108	-	17.4	15.1	7.6	501	173	XPT12-600*	108	10.1	8.7	4.4	501	191	
	750	601-750	XPS12-750*	135	-	21.8	18.9	9.5	501	173	XPT12-750*	135	12.6	10.9	5.5	501	202	
	865	751-865	XPS12-865*	156	-	25.2	21.8	10.9	501	190	XPT12-865*	156	14.6	12.6	6.3	501	220	
	965	866-965	XPS12-965*	174	-	28.1	24.4	12.2	501	207	XPT12-965*	174	16.2	14.1	7.0	501	220	
	1050										XPT12-1050*	189	17.6	15.3	7.6	501	220	
	1200										XPT12-1200*	216	20.2	17.5	8.7	501	243	
1450										XPT12-1450*	261	24.4	21.1	10.6	501	268		
1750										XPT12-1750*	315	29.4	25.5	12.7	502	307		
18	260	181-260	XPS18-260*	47	19.7	11.4	9.9	4.9	500	96								
	380	261-380	XPS18-380*	69	30	16.7	14.5	7.2	500	160	XPT18-380*	69	9.7	8.4	4.2	501	191	
	475	381-475	XPS18-475*	86	36.1	20.8	18.1	9.0	501	190	XPT18-475*	86	12.0	10.4	5.2	501	191	
	600	476-600	XPS18-600*	108	45.4	26.2	22.7	11.3	501	190	XPT18-600*	108	15.1	13.1	6.6	501	220	
	750	601-750	XPS18-750*	135	-	32.7	28.4	14.2	501	227	XPT18-750*	135	18.9	16.4	8.2	501	243	
	865	751-865	XPS18-865*	156	-	37.8	32.8	16.4	501	227	XPT18-865*	156	21.8	18.9	9.5	501	243	
	965	866-965	XPS18-965*	174	-	42.2	36.5	18.3	501	227	XPT18-965*	174	24.4	21.1	10.6	501	268	
	1050										XPT18-1050*	189	26.5	22.9	11.5	501	268	
	1200										XPT18-1200*	216	30.3	26.2	13.1	501	307	
1450										XPT18-1450*	261	36.6	31.7	15.8	502	466		
1750										XPT18-1750*	315	44.1	38.2	19.1	502	466		
24	260	181-260	XPS24-260*	47	-	15.2	13.2	6.6	500	104								
	380	261-380	XPS24-380*	69	-	22.3	19.3	9.7	501	168	XPT24-380*	69	12.9	11.2	5.6	501	202	
	475	381-475	XPS24-475*	86	-	27.8	24.1	12	501	190	XPT24-475*	86	16.1	13.9	7.0	501	220	
	600	476-600	XPS24-600*	108	-	34.9	30.2	15.1	501	207	XPT24-600*	108	20.2	17.5	8.7	501	243	
	750	601-750	XPS24-750*	135	-	43.6	37.8	18.9	501	227	XPT24-750*	135	25.2	21.8	10.9	501	268	
	865	751-865	XPS24-865*	156	-	-	43.7	21.8	501	242	XPT24-865*	156	29.1	25.2	12.6	501	268	
	965	866-965	XPS24-965*	174	-	-	-	24.4	501	242	XPT24-965*	174	32.5	28.2	14.1	501	307	
	1050	966-1050									XPT24-1050*	189	35.3	30.6	15.3	502	307	
	1200	1051-1200									XPT24-1200*	216	40.3	35.0	17.5	502	376	
1450	1201-1450									XPT24-1450*	261	-	42.2	21.1	502	411		
1750	1451-1750									XPT24-1750*	315	-	-	25.5	502	591		
2200	1751-2200									XPT24-2200*	396	-	-	32	502	697		

*Requires AC Voltage Code

AC Voltage	1Φ	3Φ
120/208/240	A	N/A
208/240/480	B	B

CASE DIMENSIONS

Case	Height		Width		Depth	
	in	cm	in	cm	in	cm
500	20.5	52.0	17.3	44.0	14.8	37.6
501	26	66.0	24.3	61.7	24.6	65.5
502	28	71.1	38.3	97.2	27.6	70.1



Note: Design and/or specifications are subject to change without notice. If questions arise, contact your local sales representative for clarification.

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