



06/28/00  
Rev. 0

**12AVR30**

RATINGS IN AMPS @ 77°F

Final Voltage	Discharge Time - Minutes							Discharge Time - Hours														
	1	5	10	15	20	30	60	1.5	2	3	4	5	6	7	8	10	12	20	24	48	100	
1.60 vpc																						
1.63 vpc																						
1.67 vpc		92.9	64.2	50.6	42.2	31.9	18.7	13.6	10.9	7.9	6.2	5.1	4.4	3.9	3.4	2.8	2.4	1.5	1.3	0.66	0.32	
1.70 vpc							18.4	13.5	10.9	7.8	6.2	5.1	4.4	3.8	3.4	2.8	2.4	1.5	1.3	0.66	0.32	
1.75 vpc		88.0	61.1	48.5	40.7	30.9	18.2	13.3	10.7	7.7	6.1	5.1	4.3	3.8	3.4	2.8	2.4	1.5	1.3	0.65	0.32	
1.80 vpc							17.8	13.1	10.6	7.6	6.0	5.0	4.3	3.7	3.3	2.8	2.3	1.5	1.2	0.64	0.32	
1.81 vpc							17.7	13.0	10.5	7.6	6.0	5.0	4.2	3.7	3.3	2.7	2.3	1.5	1.2	0.64	0.32	
1.85 vpc							17.4	12.7	10.3	7.4	5.9	4.9	4.2	3.7	3.3	2.7	2.3	1.4	1.2	0.62	0.31	
1.88 vpc							16.6	12.2	9.9	7.1	5.6	4.7	4.0	3.5	3.1	2.6	2.2	1.4	1.2	0.60	0.30	
1.90 vpc							16.1	11.9	9.6	6.9	5.5	4.5	3.9	3.4	3.0	2.5	2.1	1.3	1.1	0.59	0.30	
1.94 vpc							15.4	11.3	9.1	6.6	5.2	4.3	3.7	3.2	2.9	2.4	2.0	1.3	1.1	0.56	0.28	

06/28/00  
Rev. 0

**12AVR40**

RATINGS IN AMPS @ 77°F

Final Voltage	Discharge Time - Minutes							Discharge Time - Hours														
	1	5	10	15	20	30	60	1.5	2	3	4	5	6	7	8	10	12	20	24	48	100	
1.60 vpc																						
1.63 vpc																						
1.67 vpc		124	85.6	67.5	56.3	42.6	24.9	18.1	14.5	10.3	8.2	6.8	5.8	5.1	4.5	3.7	3.1	1.9	1.6	0.84	0.41	
1.70 vpc							24.6	17.9	14.4	10.3	8.1	6.7	5.8	5.0	4.5	3.7	3.1	1.9	1.6	0.84	0.41	
1.75 vpc		117	81.5	64.7	54.3	41.2	24.2	17.6	14.2	10.1	8.0	6.7	5.7	5.0	4.4	3.6	3.1	1.9	1.6	0.83	0.41	
1.80 vpc							23.8	17.4	14.0	10.0	7.9	6.6	5.6	4.9	4.4	3.6	3.0	1.9	1.6	0.82	0.40	
1.81 vpc							23.7	17.3	13.9	9.9	7.9	6.5	5.6	4.9	4.3	3.6	3.0	1.9	1.6	0.81	0.40	
1.85 vpc							23.1	16.9	13.6	9.7	7.7	6.4	5.4	4.8	4.2	3.5	2.9	1.8	1.5	0.79	0.39	
1.88 vpc							22.2	16.2	13.1	9.3	7.4	6.1	5.2	4.6	4.0	3.3	2.8	1.7	1.5	0.77	0.38	
1.90 vpc							21.5	15.7	12.7	9.0	7.1	5.9	5.0	4.4	3.9	3.2	2.7	1.7	1.4	0.75	0.37	
1.94 vpc							20.5	14.9	12.1	8.5	6.7	5.6	4.8	4.1	3.7	3.0	2.5	1.6	1.3	0.70	0.35	

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Rev. 0

**12AVR75**

RATINGS IN AMPS @ 77°F

Final Voltage	Discharge Time - Minutes							Discharge Time - Hours													
	1	5	10	15	20	30	60	1.5	2	3	4	5	6	7	8	10	12	20	24	48	100
1.60 vpc	565	315	207	156	125	90.2	52.7	37.9	29.9	21.2	16.6	13.6	11.6	10.1	8.9	7.3	6.2	3.9	3.3	1.7	0.89
1.63 vpc	525	303	203	153	124	89.8	52.4	37.6	29.8	21.1	16.5	13.6	11.5	10.1	8.9	7.3	6.2	3.9	3.3	1.7	0.89
1.67 vpc	464	284	196	150	122	89.5	52.2	37.5	29.6	21.0	16.4	13.5	11.5	10.0	8.9	7.3	6.2	3.9	3.3	1.7	0.89
1.70 vpc	444	274	190	146	119	88.1	51.8	37.4	29.4	20.9	16.3	13.4	11.4	10.0	8.9	7.3	6.2	3.8	3.3	1.7	0.89
1.75 vpc		269	187	145	118	87.8	51.4	37.2	29.3	20.8	16.2	13.4	11.4	9.9	8.8	7.2	6.1	3.8	3.2	1.7	0.89
1.80 vpc							50.8	36.7	29.0	20.6	16.1	13.3	11.3	9.9	8.8	7.2	6.1	3.8	3.2	1.7	0.88
1.81 vpc							50.6	36.6	28.9	20.6	16.1	13.2	11.3	9.8	8.7	7.2	6.1	3.8	3.2	1.7	0.87
1.85 vpc							49.6	36.0	28.5	20.3	15.8	13.1	11.1	9.7	8.6	7.1	6.0	3.7	3.2	1.7	0.84
1.88 vpc							46.6	33.8	26.8	19.2	15.1	12.4	10.6	9.3	8.3	6.8	5.8	3.6	3.1	1.6	0.81
1.90 vpc							45.2	32.7	25.9	18.4	14.4	11.9	10.1	8.8	7.9	6.5	5.5	3.4	2.9	1.5	0.78
1.94 vpc							36.6	27.5	21.8	16.0	12.7	10.5	9.0	7.9	7.0	5.8	4.9	3.1	2.6	1.4	0.70

10/20/05  
Rev. 0

**12AVR90**

RATINGS IN AMPS @ 77°F

Final Voltage	Discharge Time - Minutes							Discharge Time - Hours													
	1	5	10	15	20	30	60	1.5	2	3	4	5	6	7	8	10	12	20	24	48	100
1.60 vpc	597	350	230	172	140	103.2	59.4	42.9	34.2	24.5	19.2	15.8	13.5	11.8	10.5	8.5	7.2	4.5	3.8	1.9	0.93
1.63 vpc	573	342	228	170	138	102.3	59.2	42.7	34.0	24.4	19.1	15.8	13.5	11.8	10.4	8.5	7.2	4.5	3.8	1.9	0.93
1.67 vpc	513	325	222	168	137	101.1	58.8	42.5	33.8	24.3	19.0	15.7	13.4	11.7	10.4	8.5	7.1	4.5	3.7	1.9	0.93
1.70 vpc	481	311	216	165	134	99.6	58.3	42.2	33.7	24.2	19.0	15.6	13.4	11.7	10.4	8.5	7.2	4.4	3.7	1.9	0.93
1.75 vpc	412	282	202	156	129	97.4	57.3	41.6	33.2	23.9	18.7	15.5	13.2	11.6	10.3	8.4	7.1	4.4	3.7	1.9	0.93
1.80 vpc		248	185	146	122	92.6	55.3	40.7	32.5	23.4	18.4	15.2	13.0	11.3	10.1	8.2	7.0	4.3	3.7	1.9	0.91
1.81 vpc			180	144	120	91.6	54.6	40.2	32.2	23.1	18.2	15.0	12.8	11.2	10.0	8.2	6.9	4.3	3.6	1.9	0.90
1.85 vpc			161	133	113	87.5	51.8	38.4	30.8	22.2	17.5	14.5	12.4	10.8	9.6	7.9	6.7	4.2	3.5	1.8	0.87
1.88 vpc					104	81.1	48.7	36.3	29.1	21.1	16.6	13.8	11.8	10.3	9.2	7.5	6.4	4.0	3.7	1.7	0.83
1.90 vpc					95.2	75.0	45.7	34.4	27.7	20.1	15.9	13.2	11.2	9.8	8.7	7.2	6.1	3.8	3.2	1.6	0.80
1.94 vpc						63.2	39.0	29.5	23.9	17.4	13.8	11.5	9.8	8.6	7.7	6.3	5.3	3.3	2.8	1.4	0.70

06/28/00  
Rev. 1

**12AVR100**

RATINGS IN AMPS @ 77°F

Final Voltage	Discharge Time - Minutes							Discharge Time - Hours													
	1	5	10	15	20	30	60	1.5	2	3	4	5	6	7	8	10	12	20	24	48	100
1.60 vpc	754	420	276	208	167	120	70.2	50.5	39.9	28.2	22.1	18.1	15.4	13.4	11.9	9.8	8.3	5.2	4.4	2.3	1.2
1.63 vpc	700	404	270	204	165	120	69.8	50.2	39.8	28.2	22.0	18.1	15.4	13.4	11.9	9.8	8.3	5.2	4.4	2.3	1.2
1.67 vpc	619	379	261	200	162	119	69.6	50.0	39.5	28.0	21.9	18.0	15.3	13.4	11.9	9.8	8.3	5.2	4.4	2.3	1.2
1.70 vpc	592	365	254	195	159	118	69.1	49.8	39.3	27.8	21.8	17.9	15.3	13.3	11.8	9.7	8.2	5.1	4.3	2.3	1.2
1.75 vpc		358	250	193	158	117	68.5	49.5	39.0	27.8	21.6	17.9	15.2	13.3	11.8	9.6	8.2	5.1	4.3	2.3	1.2
1.80 vpc							67.8	48.9	38.7	27.5	21.5	17.7	15.1	13.1	11.7	9.6	8.1	5.1	4.3	2.3	1.2
1.81 vpc							67.5	48.7	38.6	27.4	21.4	17.6	15.0	13.1	11.7	9.5	8.1	5.1	4.3	2.2	1.2
1.85 vpc							66.2	48.0	38.0	27.0	21.1	17.4	14.8	12.9	11.5	9.4	8.0	5.0	4.2	2.2	1.1
1.88 vpc							62.2	45.0	35.8	25.6	20.1	16.6	14.1	12.4	11.0	9.0	7.7	4.8	4.1	2.2	1.1
1.90 vpc							60.3	43.6	34.5	24.6	19.3	15.9	13.5	11.8	10.5	8.6	7.3	4.6	3.9	2.0	1.0
1.94 vpc							48.8	36.7	29.0	21.3	16.9	14.0	12.0	10.5	9.3	7.7	6.5	4.1	3.5	1.8	0.94

08/11/00  
Rev. 2

**12AVR100ET**

RATINGS IN AMPS @ 77°F

Final Voltage	Discharge Time - Minutes							Discharge Time - Hours													
	1	5	10	15	20	30	60	1.5	2	3	4	5	6	7	8	10	12	20	24	48	100
1.60 vpc	560	319	216	168	138	104	64.0	48.0	38.7	27.5	21.6	17.9	15.4	13.6	12.2	10.1	8.6	5.5	4.6	2.4	1.1
1.63 vpc	525	314	216	168	138	104	63.9	47.9	38.6	27.5	21.6	17.9	15.4	13.5	12.1	10.1	8.6	5.5	4.6	2.4	1.1
1.67 vpc	482	305	214	167	138	104	63.7	47.7	38.4	27.3	21.5	17.8	15.3	13.5	12.1	10.1	8.6	5.4	4.6	2.4	1.1
1.70 vpc	459	299	212	166	137	104	63.6	47.6	38.3	27.2	21.4	17.7	15.3	13.5	12.1	10.0	8.6	5.4	4.6	2.3	1.1
1.75 vpc	428	287	207	164	136	103	63.3	47.3	38.0	27.0	21.2	17.6	15.2	13.4	12.0	10.0	8.5	5.4	4.6	2.3	1.1
1.80 vpc	383	265	197	158	132	101	62.5	46.8	37.6	26.8	21.0	17.4	15.0	13.3	11.9	9.9	8.4	5.4	4.5	2.3	1.1
1.81 vpc	371	260	194	156	131	99.9	62.2	46.6	37.4	26.6	20.9	17.4	15.0	13.2	11.8	9.8	8.4	5.3	4.5	2.3	1.1
1.85 vpc	326	238	182	148	125	96.6	60.8	45.6	36.7	26.2	20.6	17.1	14.8	13.0	11.7	9.7	8.3	5.2	4.4	2.3	1.1
1.88 vpc	294	220	170	140	119	92.3	58.8	44.3	35.6	25.5	20.1	16.7	14.4	12.7	11.4	9.4	8.1	5.1	4.3	2.2	1.1
1.90 vpc	274	208	162	133	113	88.8	57.2	43.2	34.9	24.8	19.6	16.3	14.0	12.4	11.1	9.2	7.8	5.0	4.2	2.1	1.0
1.94 vpc		163	134	114	99.5	81.5	53.3	39.7	32.2	22.9	18.1	15.1	13.0	11.5	10.3	8.5	7.2	4.5	3.8	1.9	0.92



02/27/02  
Rev. 0

**12AVR130**

RATINGS IN AMPS @ 77°F

Final Voltage	Discharge Time - Minutes							Discharge Time - Hours													
	1	5	10	15	20	30	60	1.5	2	3	4	5	6	7	8	10	12	20	24	48	100
1.60 vpc	661	487	353	273	222	163	92.8	65.1	51.5	37.0	29.1	24.0	20.5	17.9	15.8	12.9	10.9	6.7	5.7	2.9	1.4
1.63 vpc	632	467	345	269	219	162	92.4	64.7	51.3	36.9	29.0	24.0	20.4	17.8	15.8	12.9	10.9	6.7	5.7	2.9	1.4
1.67 vpc	580	437	329	261	215	160	91.7	64.3	51.0	36.7	28.9	23.9	20.3	17.8	15.7	12.9	10.9	6.7	5.6	2.9	1.4
1.70 vpc	550	413	316	254	211	158	91.2	63.9	50.7	36.5	28.7	23.8	20.3	17.7	15.7	12.8	10.8	6.7	5.6	2.9	1.4
1.75 vpc	474	369	291	238	201	153	89.5	62.9	50.1	36.1	28.5	23.6	20.1	17.5	15.6	12.7	10.8	6.7	5.6	2.9	1.4
1.80 vpc	389	320	259	216	185	144	86.6	61.2	48.9	35.4	27.9	23.1	19.8	17.3	15.3	12.5	10.6	6.6	5.5	2.8	1.4
1.81 vpc		309	250	209	180	140	84.7	60.1	48.3	35.0	27.6	22.9	19.6	17.1	15.2	12.4	10.5	6.5	5.5	2.8	1.4
1.85 vpc		268	217	183	160	126	77.6	56.2	45.9	33.3	26.5	22.0	18.8	16.5	14.7	12.0	10.2	6.3	5.3	2.7	1.3
1.88 vpc			190	164	144	116	71.4	52.5	42.7	31.5	25.1	20.9	18.0	15.7	14.0	11.5	9.7	6.1	5.1	2.6	1.3
1.90 vpc			173	150	132	106	66.1	49.8	40.7	30.1	24.1	20.1	17.2	15.1	13.4	11.0	9.3	5.8	4.9	2.5	1.2
1.94 vpc						87.8	55.5	43.5	35.8	26.5	21.2	17.7	15.2	13.3	11.8	9.7	8.2	5.1	4.3	2.2	1.1

05/01/03  
Rev. 0

**12AVR145L/LP**

RATINGS IN AMPS @ 77°F

Final Voltage	Discharge Time - Minutes							Discharge Time - Hours													
	1	5	10	15	20	30	60	1.5	2	3	4	5	6	7	8	10	12	20	24	48	100
1.60 vpc	536	397	301	238	204	157	96.5	71.4	57.3	41.6	32.8	27.3	23.6	20.8	18.6	15.4	13.2	8.3	7.0	3.7	1.8
1.63 vpc	518	384	294	234	202	156	96.0	71.0	57.1	41.3	32.5	27.2	23.5	20.6	18.5	15.3	13.1	8.3	7.0	3.7	1.8
1.67 vpc	478	363	284	228	198	155	95.5	70.7	56.9	41.1	32.4	27.0	23.2	20.5	18.3	15.2	13.0	8.2	6.9	3.6	1.8
1.70 vpc	432	346	275	225	196	153	94.6	70.1	56.4	40.8	32.3	26.8	23.1	20.4	18.2	15.1	12.9	8.2	6.9	3.6	1.8
1.75 vpc	392	311	252	207	184	146	93.6	69.4	55.9	40.6	32.1	26.6	22.9	20.2	18.1	15.0	12.8	8.1	6.8	3.6	1.8
1.80 vpc		265	225	184	170	137	89.3	67.2	54.5	39.8	31.6	26.3	22.7	20.1	17.9	14.9	12.6	8.0	6.8	3.5	1.8
1.85 vpc		225	193	163	148	122	82.6	63.4	51.6	37.9	30.2	25.4	21.9	19.4	17.4	14.5	12.4	7.9	6.7	3.5	1.7
1.88 vpc		199	170	146	134	112	76.3	58.6	48.2	35.8	28.7	24.1	20.7	18.2	16.4	13.7	11.7	7.4	6.3	3.3	1.6
1.90 vpc			156	134	124	104	71.5	55.4	45.5	33.9	27.3	22.9	19.7	17.4	15.7	13.1	11.2	7.2	6.1	3.2	1.6
1.94 vpc					105	88.9	61.4	47.7	39.3	29.7	23.8	20.1	17.4	15.4	13.9	11.6	9.9	6.3	5.4	2.8	1.4

01/12/2009  
Rev. 0

**12AVR145ET**

RATINGS IN AMPS @ 77°F

Final Voltage	Discharge Time - Minutes							Discharge Time - Hours													
	1	5	10	15	20	30	60	1.5	2	3	4	5	6	7	8	10	12	20	24	48	100
1.60 vpc	504	391	306	252	213	164	96.6	69.8	55.4	40.0	31.9	26.7	23.1	20.4	18.4	15.0	12.7	8.0	6.7	3.5	1.7
1.63 vpc	502	391	306	251	213	163	96.2	69.6	55.2	39.9	31.8	26.7	23.1	20.4	18.3	15.0	12.7	8.0	6.7	3.5	1.7
1.67 vpc	498	387	303	249	211	162	95.5	69.2	54.9	39.7	31.7	26.6	23.0	20.3	18.3	14.9	12.7	8.0	6.7	3.5	1.7
1.70 vpc	487	380	298	245	209	160	94.9	68.8	54.7	39.6	31.6	26.5	22.9	20.3	18.2	14.9	12.6	8.0	6.7	3.5	1.7
1.75 vpc	444	354	283	235	201	156	93.9	68.0	54.1	39.2	31.4	26.3	22.8	20.1	18.1	14.8	12.6	7.9	6.7	3.5	1.7
1.80 vpc	383	314	257	218	189	149	91.4	66.8	53.2	38.7	31.0	26.0	22.5	19.9	17.9	14.6	12.4	7.8	6.6	3.4	1.7
1.81 vpc	376	309	253	214	186	147	90.3	66.1	52.8	38.4	30.7	25.8	22.3	19.7	17.8	14.5	12.3	7.8	6.5	3.4	1.7
1.85 vpc		287	236	200	174	138	86.1	63.6	51.0	37.3	29.9	25.1	21.7	19.2	17.3	14.1	12.0	7.5	6.3	3.3	1.6
1.88 vpc		244	206	178	157	127	81.0	60.3	48.6	35.7	28.7	24.1	20.9	18.5	16.6	13.6	11.5	7.2	6.1	3.2	1.5
1.90 vpc		223	190	166	146	119	76.8	57.5	46.6	34.4	27.6	23.3	20.2	17.8	16.0	13.1	11.1	6.9	5.8	3.0	1.5
1.94 vpc			156	138	123	101	66.7	50.9	41.5	30.7	24.7	21.1	18.0	15.9	14.3	11.6	9.9	6.2	5.2	2.7	1.3



02/19/03  
Rev. 1

**12AVR150ET**

RATINGS IN AMPS @ 77°F

Final Voltage	Discharge Time - Minutes							Discharge Time - Hours													
	1	5	10	15	20	30	60	1.5	2	3	4	5	6	7	8	10	12	20	24	48	100
1.60 vpc	696	481	344	273	225	170	101	70.6	56.9	41.5	33.0	27.6	24.0	21.3	19.1	15.8	13.5	8.6	7.3	3.8	1.9
1.63 vpc	648	458	337	268	223	169	100	70.4	56.7	41.4	32.8	27.5	24.0	21.2	19.0	15.8	13.5	8.6	7.3	3.8	1.9
1.67 vpc	585	427	323	261	219	168	99.4	70.0	56.4	41.2	32.7	27.4	23.9	21.1	19.0	15.8	13.5	8.6	7.3	3.8	1.9
1.70 vpc	542	400	309	253	215	166	98.6	69.6	56.1	41.0	32.6	27.3	23.8	21.1	18.9	15.7	13.4	8.5	7.2	3.8	1.8
1.75 vpc	450	356	283	237	204	159	96.6	68.8	55.5	40.6	32.2	27.1	23.6	20.9	18.8	15.6	13.3	8.5	7.2	3.8	1.8
1.80 vpc		307	253	215	187	149	93.0	67.2	54.2	39.8	31.6	26.6	23.2	20.5	18.4	15.3	13.1	8.4	7.1	3.7	1.8
1.81 vpc		297	245	209	183	146	91.7	66.4	53.6	39.4	31.3	26.4	23.0	20.3	18.3	15.2	13.0	8.3	7.0	3.7	1.8
1.85 vpc		261	213	187	166	135	86.8	63.7	51.3	38.0	30.2	25.6	22.3	19.7	17.7	14.7	12.6	8.1	6.8	3.6	1.8
1.88 vpc		232	193	169	151	124	81.3	60.3	48.8	36.2	28.9	24.6	21.4	18.9	17.0	14.1	12.1	7.7	6.6	3.4	1.7
1.90 vpc			177	156	140	116	77.0	57.7	46.9	34.7	27.8	23.7	20.6	18.2	16.4	13.6	11.6	7.4	6.3	3.3	1.6
1.94 vpc					119	94.6	67.3	51.1	41.7	30.5	24.9	21.1	18.4	16.2	14.5	12.0	10.3	6.6	5.6	2.9	1.4

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**12AVR170ET**

RATINGS IN AMPS @ 77°F

Final Voltage	Discharge Time - Minutes						Discharge Time - Hours														
	1	5	10	15	20	30	60	1.5	2	3	4	5	6	7	8	10	12	20	24	48	100
1.60 vpc							113	82.2	65.1	47.1	37.4	31.4	27.2	24.0	21.6	17.7	15.0	9.5	8.1	4.2	2.1
1.63 vpc							113	81.8	64.9	47.0	37.3	31.3	27.1	24.0	21.5	17.6	15.0	9.5	8.0	4.2	2.1
1.67 vpc							112	81.2	64.5	46.8	37.1	31.2	27.0	23.9	21.4	17.6	14.9	9.5	8.0	4.2	2.1
1.70 vpc							110	80.7	64.2	46.5	37.0	31.0	26.9	23.8	21.4	17.5	14.9	9.4	8.0	4.2	2.1
1.75 vpc							108	79.4	63.5	46.1	36.7	30.8	26.7	23.6	21.2	17.4	14.8	9.4	8.0	4.2	2.1
1.80 vpc							103	77.1	62.1	45.3	36.1	30.3	26.3	23.3	20.9	17.2	14.6	9.2	7.8	4.1	2.0
1.81 vpc							101	76.2	61.4	44.9	35.8	30.1	26.1	23.1	20.8	17.0	14.5	9.2	7.8	4.1	2.0
1.85 vpc							94.4	72.5	58.9	43.4	34.7	29.2	25.3	22.5	20.2	16.6	14.1	8.9	7.6	4.0	1.9
1.88 vpc							88.0	68.3	55.8	41.3	33.1	27.9	24.6	21.5	19.4	15.9	13.5	8.6	7.3	3.8	1.9
1.90 vpc							83.1	64.7	53.0	39.5	31.8	26.8	23.3	20.7	18.6	15.3	13.0	8.2	7.0	3.6	1.8
1.94 vpc							71.3	56.0	46.3	34.7	28.0	23.7	20.6	18.3	16.4	13.5	11.5	7.3	6.1	3.2	1.6

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**12AVR200ET**

RATINGS IN AMPS @ 77°F

Final Voltage	Discharge Time - Minutes							Discharge Time - Hours													
	1	5	10	15	20	30	60	1.5	2	3	4	5	6	7	8	10	12	20	24	48	100
1.60 vpc		713	556	451	374	277	158	113	89.5	62.4	48.2	39.4	33.4	29.0	25.6	20.8	17.5	10.8	9.0	4.5	2.2
1.63 vpc		681	535	438	368	275	157	113	89.1	62.2	48.1	39.3	33.3	28.9	25.6	20.8	17.5	10.7	9.0	4.5	2.2
1.67 vpc		635	506	418	355	270	156	113	88.6	61.8	47.8	39.1	33.1	28.8	25.5	20.7	17.4	10.7	9.0	4.5	2.2
1.70 vpc		601	481	400	342	265	155	112	88.0	61.4	47.5	38.9	33.0	28.6	25.3	20.6	17.4	10.7	9.0	4.5	2.2
1.75 vpc		537	436	367	317	249	152	110	86.3	60.3	46.7	38.3	32.5	28.2	25.0	20.4	17.2	10.6	8.9	4.4	2.1
1.80 vpc		465	386	330	288	230	143	105	83.2	58.3	45.3	37.2	31.6	27.5	24.4	19.9	16.8	10.4	8.7	4.4	2.1
1.85 vpc			330	285	252	203	130	96.2	77.0	54.7	42.7	35.2	30.0	26.2	23.2	19.0	16.1	9.9	8.4	4.2	2.0
1.88 vpc				252	224	183	119	88.8	71.6	51.3	40.3	33.3	28.4	24.8	22.1	18.0	15.3	9.5	8.0	4.0	1.9
1.90 vpc						169	110	82.8	67.3	48.6	38.3	31.7	27.1	23.7	21.1	17.2	14.6	9.1	7.6	3.8	1.8
1.94 vpc							91.2	69.9	57.6	42.1	33.3	27.7	23.7	20.7	18.4	15.1	12.8	8.0	6.6	3.3	1.6



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**12GVR75**

RATINGS IN AMPS @ 77°F

Final Voltage	Discharge Time - Minutes							Discharge Time - Hours													
	1	5	10	15	20	30	60	1.5	2	3	4	5	6	7	8	10	12	20	24	48	100
1.60 vpc							46.6	34.5	27.5	19.7	15.5	12.8	10.9	9.6	8.5	7.0	6.0	3.8	3.3	1.8	0.91
1.63 vpc							46.3	34.7	27.3	19.6	15.4	12.7	10.8	9.5	8.4	7.0	6.0	3.8	3.2	1.8	0.90
1.67 vpc							45.9	34.1	27.2	19.5	15.3	12.6	10.8	9.5	8.4	7.0	5.9	3.8	3.2	1.7	0.90
1.70 vpc							45.7	34.0	27.2	19.5	15.3	12.6	10.8	9.4	8.4	6.9	5.9	3.8	3.2	1.7	0.90
1.75 vpc							45.5	33.3	26.9	19.3	15.2	12.5	10.7	9.4	8.4	6.9	5.9	3.8	3.2	1.7	0.90
1.80 vpc							44.0	33.2	26.5	19.1	15.0	12.4	10.7	9.3	8.3	6.8	5.9	3.8	3.2	1.7	0.90
1.85 vpc							42.0	32.0	25.7	18.6	14.7	12.2	10.5	9.2	8.2	6.8	5.8	3.7	3.2	1.7	0.88
1.88 vpc							40.3	30.5	24.7	18.0	14.3	11.9	10.2	9.0	8.0	6.6	5.7	3.6	3.1	1.7	0.85
1.90 vpc							38.0	29.5	23.9	17.5	13.9	11.6	10.0	8.8	7.8	6.4	5.5	3.5	3.0	1.6	0.83
1.94 vpc							34.6	26.7	21.8	16.1	12.8	10.7	9.2	8.1	7.2	6.0	5.1	3.3	2.8	1.5	0.76

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**12GVR100**

RATINGS IN AMPS @ 77°F

Final Voltage	Discharge Time - Minutes							Discharge Time - Hours													
	1	5	10	15	20	30	60	1.5	2	3	4	5	6	7	8	10	12	20	24	48	100
1.60 vpc	553	336	225	169	137	102	57.0	43.6	35.3	25.8	20.5	17.1	14.7	12.9	11.5	9.5	8.1	5.1	4.3	2.2	1.1
1.63 vpc	519	328	222	168	136	101	56.9	43.5	35.3	25.8	20.5	17.1	14.7	12.9	11.5	9.5	8.1	5.1	4.3	2.2	1.1
1.67 vpc	479	314	216	165	135	101	56.6	43.3	35.0	25.7	20.4	17.0	14.6	12.9	11.5	9.5	8.1	5.1	4.3	2.2	1.1
1.70 vpc	454	300	210	163	134	100	56.1	42.9	34.8	25.5	20.3	16.9	14.6	12.8	11.4	9.4	8.0	5.1	4.3	2.2	1.1
1.75 vpc		271	198	157	130	98.1	55.4	42.5	34.4	25.3	20.1	16.8	14.4	12.7	11.3	9.4	8.0	5.0	4.2	2.2	1.1
1.80 vpc		244	183	147	124	94.5	54.7	41.9	34.0	25.0	19.9	16.7	14.3	12.6	11.2	9.3	7.9	5.0	4.2	2.2	1.1
1.85 vpc		204	161	134	114	88.7	52.8	40.4	32.9	24.2	19.3	16.2	13.9	12.3	11.0	9.0	7.7	4.9	4.1	2.1	1.1
1.88 vpc		185	149	124	107	83.4	50.9	38.9	31.7	23.4	18.7	15.7	13.5	11.9	10.6	8.7	7.5	4.7	4.0	2.1	1.0
1.90 vpc		169	137	116	100	79.0	49.1	37.7	30.7	22.7	18.2	15.2	13.1	11.5	10.3	8.5	7.2	4.6	3.9	2.0	0.99
1.94 vpc		143	118	100	86.6	68.6	44.4	34.0	27.8	20.6	16.5	13.8	11.9	10.4	9.3	7.7	6.6	4.1	3.5	1.8	0.90