

ABSOLYTE® IIP



CONSTANT POWER SPECIFICATIONS

104 AH to 4800 AH
5 MINUTES to 90 MINUTES

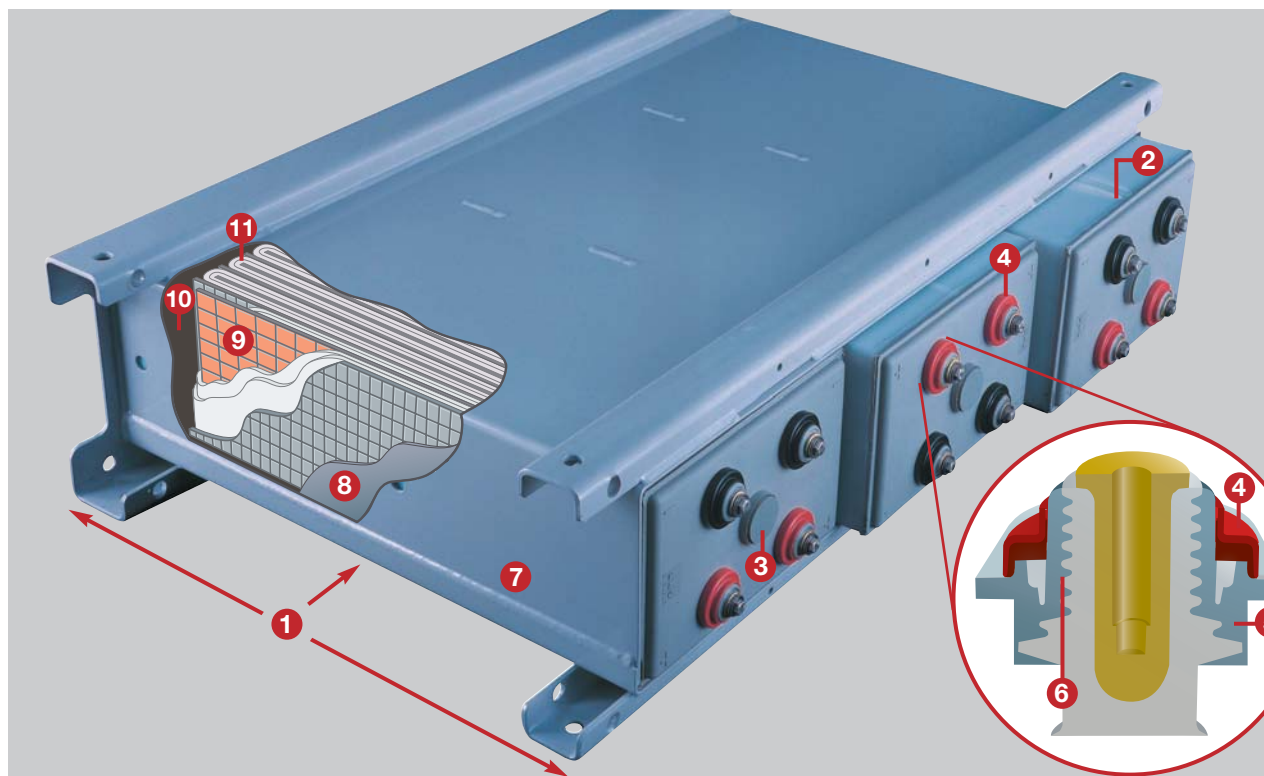


INDUSTRIAL POWER

A Division of **EXIDE** Technologies

SECTION 26.10C 2004-10

ABSOLYTE® IIP



Designed for High Performance

- 1** High capacity in a small footprint. Frees up valuable floor space for other equipment.
- 2** Jar to cover heat seal. Jar and cover are heat sealed and bead smoothed for a more reliable seal.
- 3** Safety vent. 5-11 psi opening pressure, self-resealing.
- 4** Color-coded terminal polarity. Provides easy terminal identification.
- 5** Heat sealed post seal. Non-corrosive polypropylene-to-polypropylene bond is as strong as the original material.
- 6** Interface between lead post and plastic sleeve. Coated with a viscous agent which ensures a virtually leak-free bond.
- 7** Modular steel tray. Easy to install.
- 8** Polypropylene jar. Low water vapor permeability.
- 9** MFX positive plate grid alloy. Ideal for both float and cycling applications.
- 10** Space for positive plate growth. Space is provided so growth can occur away from post and cover seals to increase battery life.
- 11** High separator compression. Reduces possibility of loss of capacity and degradation of the plate-to-separator contact.

QUALIFICATIONS

- Absolyte IIP is qualified to stack horizontally up to eight high for use in 1997 UBC/2001 CBC Seismic Zone IV (at or below grade).
- IEC 896, BS 6290, UL Recognized, ISO 9001:2000, designed to meet Telcordia SR4228, and GR-63-CORE (NEBS).

ABSOLYTE® IIP

Absolyte IIP Module Weights and Dimensions

MODULE TYPE	VOLTS	NOM AH CAP (8 HR)	STACKING DIMENSIONS						UNPACKED WEIGHT		DOMESTIC PACKED WEIGHT		EXPORT PACKED WEIGHT	
			LENGTH		WIDTH		DEPTH OR HEIGHT							
			IN	MM	IN	MM	IN	MM	LBS	KG	LBS	KG	LBS	KG
50A														
6-50A05	12	104	17.19	437	8.53	217	16.22	412	157	71	176	80	228	104
6-50A07	12	152	21.69	551	8.53	217	16.22	412	209	95	228	104	280	127
6-50A09	12	208	26.19	665	8.53	217	16.22	412	252	114	271	123	323	147
6-50A13	12	312	35.19	894	8.53	217	16.22	412	356	162	381	173	433	197
90A														
6-90A07	12	256	21.69	551	8.53	217	23.56	599	316	143	335	152	413	187
6-90A09	12	344	26.19	665	8.53	217	23.56	599	396	180	415	188	493	224
6-90A11	12	432	30.69	780	8.53	217	23.56	599	477	216	502	228	581	264
6-90A13	12	520	35.19	894	8.53	217	23.56	599	557	253	582	264	661	300
6-90A15	12	608	39.69	1008	8.59	218	23.56	599	637	289	668	303	747	339
100A														
3-100A13	6	600	19.93	506	8.53	217	26.38	670	328	149	356	162	436	198
3-100A15	6	696	22.18	563	8.59	218	26.38	670	374	170	408	185	489	222
3-100A17	6	800	24.50	622	8.59	218	26.38	670	424	192	446	202	528	240
3-100A19	6	896	26.75	679	8.59	218	26.38	670	470	213	491	223	574	260
3-100A21	6	1000	29.00	737	8.59	218	26.38	670	515	234	539	245	623	283
3-100A23	6	1096	31.25	794	8.59	218	26.38	670	561	255	589	267	674	306
3-100A25	6	1200	33.50	851	8.59	218	26.38	670	608	276	637	289	723	328
3-100A27	6	1296	35.75	908	8.59	218	26.38	670	653	296	684	310	772	350
3-100A29	6	1400	38.00	965	8.59	218	26.38	670	704	319	736	334	824	374
3-100A31	6	1496	40.25	1022	8.59	218	26.38	670	750	340	783	355	873	396
3-100A33	6	1600	42.50	1080	8.59	218	26.38	670	795	361	829	376	920	417
1-100A39	2	1800	19.93	506	8.53	217	26.38	670	328	149	356	162	436	198
1-100A45	2	2088	22.18	563	8.59	218	26.38	670	374	170	408	185	489	222
1-100A51	2	2400	24.50	622	8.59	218	26.38	670	424	192	446	202	528	240
1-100A57	2	2688	26.75	679	8.59	218	26.38	670	470	213	491	223	574	260
1-100A63	2	3000	29.00	737	8.59	218	26.38	670	515	234	539	245	623	283
1-100A69	2	3288	31.25	794	8.59	218	26.38	670	561	255	589	267	674	306
1-100A75	2	3600	33.50	851	8.59	218	26.38	670	608	276	637	289	723	328
1-100A81	2	3888	35.75	908	8.59	218	26.38	670	653	296	684	310	772	350
1-100A87	2	4200	38.00	965	8.59	218	26.38	670	704	319	736	334	824	374
1-100A93	2	4488	40.25	1022	8.59	218	26.38	670	750	340	783	355	873	396
1-100A99	2	4800	42.50	1080	8.59	218	26.38	670	795	361	829	376	920	417

* Includes 77 mm (3") additional for Module Cover Assembly

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

ABSOLYTE® IIP

Absolyte IIP Performance Specifications - Constant Power Watts Per Cell to 1.60 Final Volts Per Cell @ 25°C (77°F)

CELL TYPE	MINUTES										
	5	6	7	8	9	10	11	12	13	14	15
50A											
50A05	371	358	347	335	323	311	300	289	278	268	259
50A07	557	538	521	503	485	467	450	433	418	402	388
50A09	743	717	694	671	646	623	600	578	557	536	518
50A13	1114	1076	1042	1006	970	935	900	867	836	805	777
90A											
90A07	728	711	693	676	660	643	627	611	596	581	567
90A09	971	948	924	902	880	858	836	815	795	775	756
90A11	1213	1185	1156	1127	1100	1073	1046	1019	994	969	946
90A13	1456	1422	1387	1353	1320	1287	1255	1223	1193	1163	1135
90A15	1699	1659	1618	1578	1540	1502	1464	1427	1392	1357	1324
100A											
100A13	1614	1573	1532	1492	1452	1414	1378	1342	1312	1278	1248
100A15	1883	1835	1787	1741	1694	1650	1608	1566	1530	1491	1456
100A17	2152	2097	2043	1990	1936	1886	1838	1790	1749	1704	1664
100A19	2421	2359	2298	2239	2178	2122	2068	2014	1968	1917	1872
100A21	2691	2622	2554	2488	2420	2358	2298	2238	2187	2131	2080
100A23	2960	2884	2809	2736	2662	2593	2527	2461	2405	2344	2288
100A25	3229	3146	3064	2985	2904	2829	2757	2685	2624	2557	2496
100A27	3498	3408	3320	3234	3146	3065	2987	2909	2843	2770	2704
100A29	3767	3670	3575	3483	3388	3301	3217	3133	3061	2983	2912
100A31	4036	3933	3831	3732	3630	3537	3447	3357	3280	3196	3120
100A33	4305	4195	4086	3980	3872	3772	3676	3580	3499	3409	3328
100A39	4842	4719	4596	4476	4356	4242	4134	4026	3936	3834	3744
100A45	5649	5505	5361	5223	5082	4950	4824	4698	4590	4473	4368
100A51	6456	6291	6129	5970	5808	5658	5514	5370	5247	5112	4992
100A57	7263	7077	6894	6717	6534	6366	6204	6042	5904	5751	5616
100A63	8073	7866	7662	7464	7260	7074	6894	6714	6561	6393	6240
100A69	8880	8652	8427	8208	7986	7779	7581	7383	7215	7032	6864
100A75	9687	9438	9192	8955	8712	8487	8271	8055	7872	7671	7488
100A81	10494	10224	9960	9702	9438	9195	8961	8727	8529	8310	8112
100A87	11301	11010	10725	10449	10164	9903	9651	9399	9183	8949	8736
100A93	12108	11799	11493	11196	10890	10611	10341	10071	9840	9588	9360
100A99	12915	12585	12258	11940	11616	11316	11028	10740	10497	10227	9984

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CELL TYPE	MINUTES									
	16	17	18	19	20	25	30	45	60	90
50A										
50A05	250	242	234	227	220	194	173	135	113	86
50A07	375	363	351	341	331	291	260	203	170	130
50A09	501	484	469	454	441	388	347	271	226	173
50A13	751	726	703	682	662	583	521	407	340	260
90A										
90A07	555	542	530	518	506	458	417	332	276	206
90A09	740	722	706	691	675	610	556	443	368	275
90A11	925	903	883	863	844	763	696	553	460	344
90A13	1110	1084	1060	1036	1013	916	835	664	552	413
90A15	1295	1264	1236	1209	1182	1068	974	775	644	481
100A										
100A13	1218	1192	1164	1140	1116	1010	924	742	624	477
100A15	1421	1390	1358	1330	1302	1178	1078	866	728	556
100A17	1625	1589	1552	1520	1488	1346	1232	989	832	636
100A19	1828	1788	1746	1710	1674	1515	1386	1113	936	715
100A21	2031	1987	1941	1900	1860	1683	1541	1237	1040	795
100A23	2234	2185	2135	2090	2046	1851	1695	1361	1144	874
100A25	2437	2384	2329	2280	2232	2020	1849	1484	1248	954
100A27	2640	2583	2523	2470	2418	2188	2003	1608	1352	1033
100A29	2843	2781	2717	2660	2604	2357	2157	1732	1456	1113
100A31	3047	2980	2911	2850	2790	2525	2311	1856	1560	1193
100A33	3250	3179	3105	3040	2976	2693	2465	1979	1664	1272
100A39	3654	3576	3492	3420	3348	3030	2772	2226	1872	1431
100A45	4263	4170	4074	3990	3906	3534	3234	2598	2184	1668
100A51	4875	4767	4656	4560	4464	4038	3696	2967	2496	1908
100A57	5484	5364	5238	5130	5022	4545	4158	3339	2808	2145
100A63	6093	5961	5823	5700	5580	5049	4623	3711	3120	2385
100A69	6702	6555	6405	6270	6138	5553	5085	4083	3432	2622
100A75	7311	7152	6987	6840	6696	6060	5547	4452	3744	2862
100A81	7920	7749	7569	7410	7254	6564	6009	4824	4056	3099
100A87	8529	8343	8151	7980	7812	7071	6471	5196	4368	3339
100A93	9141	8940	8733	8550	8370	7575	6933	5568	4680	3579
100A99	9750	9537	9315	9120	8928	8079	7395	5937	4992	3816

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CELL TYPE	MINUTES										
	5	6	7	8	9	10	11	12	13	14	15
50A											
50A05	359	347	336	324	313	302	291	280	271	261	253
50A07	538	520	504	486	470	453	437	421	406	392	379
50A09	718	694	672	648	626	604	582	561	542	523	506
50A13	1077	1041	1008	973	940	906	874	842	813	784	759
90A											
90A07	706	690	672	656	640	624	609	594	581	567	554
90A09	941	920	896	875	854	833	812	793	775	756	738
90A11	1177	1150	1120	1094	1067	1041	1015	991	968	945	923
90A13	1412	1380	1344	1312	1281	1249	1218	1189	1162	1135	1108
90A15	1648	1610	1568	1531	1494	1458	1421	1387	1356	1324	1292
100A											
100A13	1567	1534	1491	1453	1411	1368	1333	1300	1269	1240	1211
100A15	1828	1789	1740	1695	1646	1596	1555	1517	1481	1446	1413
100A17	2089	2045	1988	1937	1881	1824	1777	1734	1692	1653	1615
100A19	2350	2301	2237	2179	2116	2052	1999	1951	1904	1860	1817
100A21	2612	2557	2486	2422	2352	2281	2222	2168	2116	2067	2019
100A23	2873	2812	2734	2664	2587	2509	2444	2384	2327	2273	2220
100A25	3134	3068	2983	2906	2822	2737	2666	2601	2539	2480	2422
100A27	3395	3324	3231	3148	3057	2965	2888	2818	2750	2687	2624
100A29	3656	3579	3480	3390	3292	3193	3110	3035	2962	2893	2826
100A31	3918	3835	3729	3633	3528	3421	3333	3252	3174	3100	3028
100A33	4179	4091	3977	3875	3763	3649	3555	3468	3385	3307	3230
100A39	4701	4602	4473	4359	4233	4104	3999	3900	3807	3720	3633
100A45	5484	5367	5220	5085	4938	4788	4665	4551	4443	4338	4239
100A51	6267	6135	5964	5811	5643	5472	5331	5202	5076	4959	4845
100A57	7050	6903	6711	6537	6348	6156	5997	5853	5712	5580	5451
100A63	7836	7671	7458	7266	7056	6843	6666	6504	6348	6201	6057
100A69	8619	8436	8202	7992	7761	7527	7332	7152	6981	6819	6660
100A75	9402	9204	8949	8718	8466	8211	7998	7803	7617	7440	7266
100A81	10185	9972	9693	9444	9171	8895	8664	8454	8250	8061	7872
100A87	10968	10737	10440	10170	9876	9579	9330	9105	8886	8679	8478
100A93	11754	11505	11187	10899	10584	10263	9999	9756	9522	9300	9084
100A99	12537	12273	11931	11625	11289	10947	10665	10404	10155	9921	9690

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CELL TYPE	MINUTES									
	16	17	18	19	20	25	30	45	60	90
50A										
50A05	244	237	229	223	216	191	172	135	112	86
50A07	366	355	344	335	324	287	258	202	169	129
50A09	489	474	459	446	433	383	344	270	225	173
50A13	733	711	689	670	649	574	516	405	338	259
90A										
90A07	542	529	517	507	496	449	411	329	274	205
90A09	722	705	690	676	662	599	548	439	366	274
90A11	903	882	863	845	827	749	686	549	457	342
90A13	1084	1058	1035	1014	993	899	823	658	549	411
90A15	1264	1235	1208	1183	1158	1049	960	768	641	479
100A										
100A13	1183	1159	1134	1110	1087	988	907	732	618	473
100A15	1381	1352	1323	1295	1268	1153	1059	854	721	552
100A17	1578	1545	1512	1480	1449	1318	1210	977	824	631
100A19	1775	1738	1701	1665	1630	1482	1361	1099	927	710
100A21	1973	1932	1890	1850	1812	1647	1513	1221	1030	789
100A23	2170	2125	2079	2035	1993	1812	1664	1343	1133	868
100A25	2367	2318	2268	2220	2174	1977	1815	1465	1236	947
100A27	2564	2511	2457	2405	2355	2141	1966	1587	1339	1026
100A29	2762	2704	2646	2590	2536	2306	2118	1709	1442	1105
100A31	2959	2898	2835	2775	2718	2471	2269	1832	1545	1184
100A33	3156	3091	3024	2960	2899	2636	2420	1954	1648	1262
100A39	3549	3477	3402	3330	3261	2964	2721	2196	1854	1419
100A45	4143	4056	3969	3885	3804	3459	3177	2562	2163	1656
100A51	4734	4635	4536	4440	4347	3954	3630	2931	2472	1893
100A57	5325	5214	5103	4995	4890	4446	4083	3297	2781	2130
100A63	5919	5796	5670	5550	5436	4941	4539	3663	3090	2367
100A69	6510	6375	6237	6105	5979	5436	4992	4029	3399	2604
100A75	7101	6954	6804	6660	6522	5931	5445	4395	3708	2841
100A81	7692	7533	7371	7215	7065	6423	5898	4761	4017	3078
100A87	8286	8112	7938	7770	7608	6918	6354	5127	4326	3315
100A93	8877	8694	8505	8325	8154	7413	6807	5496	4635	3552
100A99	9468	9273	9072	8880	8697	7908	7260	5862	4944	3786

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CELL TYPE	MINUTES										
	5	6	7	8	9	10	11	12	13	14	15
50A											
50A05	350	339	327	316	305	294	283	274	264	256	247
50A07	525	508	491	474	457	441	425	411	397	384	371
50A09	700	678	655	632	610	588	567	548	529	512	495
50A13	1050	1017	983	948	915	882	851	822	794	768	743
90A											
90A07	691	674	658	642	626	611	595	582	568	555	543
90A09	922	899	878	856	835	814	794	776	758	740	724
90A11	1153	1124	1097	1070	1044	1018	992	970	947	925	905
90A13	1383	1348	1317	1284	1252	1222	1191	1164	1137	1111	1086
90A15	1614	1573	1536	1498	1461	1425	1389	1358	1326	1296	1267
100A											
100A13	1541	1497	1458	1417	1380	1344	1311	1279	1246	1216	1188
100A15	1798	1746	1701	1654	1610	1568	1529	1492	1454	1419	1386
100A17	2055	1996	1944	1890	1840	1792	1748	1705	1662	1622	1584
100A19	2312	2245	2187	2126	2070	2016	1966	1918	1870	1825	1782
100A21	2569	2495	2430	2363	2300	2240	2185	2132	2078	2028	1980
100A23	2825	2744	2673	2599	2530	2464	2403	2345	2285	2230	2178
100A25	3082	2994	2916	2835	2760	2688	2622	2558	2493	2433	2376
100A27	3339	3243	3159	3071	2990	2912	2840	2771	2701	2636	2574
100A29	3596	3493	3402	3308	3220	3136	3059	2984	2909	2839	2772
100A31	3853	3742	3645	3544	3450	3360	3277	3198	3117	3042	2970
100A33	4110	3992	3888	3780	3680	3584	3496	3411	3324	3244	3168
100A39	4623	4491	4374	4251	4140	4032	3933	3837	3738	3648	3564
100A45	5394	5238	5103	4962	4830	4704	4587	4476	4362	4257	4158
100A51	6165	5988	5832	5670	5520	5376	5244	5115	4986	4866	4752
100A57	6936	6735	6561	6378	6210	6048	5898	5754	5610	5475	5346
100A63	7707	7485	7290	7089	6900	6720	6555	6396	6234	6084	5940
100A69	8475	8232	8019	7797	7590	7392	7209	7035	6855	6690	6534
100A75	9246	8982	8748	8505	8280	8064	7866	7674	7479	7299	7128
100A81	10017	9729	9477	9213	8970	8736	8520	8313	8103	7908	7722
100A87	10788	10479	10206	9924	9660	9408	9177	8952	8727	8517	8316
100A93	11559	11226	10935	10632	10350	10080	9831	9594	9351	9126	8910
100A99	12330	11976	11664	11340	11040	10752	10488	10233	9972	9732	9504

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CELL TYPE	MINUTES									
	16	17	18	19	20	25	30	45	60	90
50A										
50A05	240	232	226	219	214	189	170	134	112	86
50A07	360	349	339	329	321	284	256	201	168	129
50A09	480	465	452	439	428	378	341	269	225	172
50A13	720	698	678	659	642	568	512	403	337	259
90A										
90A07	530	519	508	498	487	443	406	326	273	205
90A09	707	692	677	664	650	591	542	435	364	273
90A11	884	865	847	830	813	738	677	544	455	341
90A13	1061	1038	1016	996	975	886	813	653	546	410
90A15	1238	1211	1185	1162	1138	1034	948	761	637	478
100A										
100A13	1162	1139	1114	1090	1068	973	894	725	612	468
100A15	1356	1329	1299	1271	1246	1135	1044	846	714	546
100A17	1550	1519	1485	1453	1424	1297	1193	966	816	624
100A19	1744	1709	1671	1635	1602	1460	1342	1087	918	702
100A21	1938	1899	1857	1817	1781	1622	1491	1208	1020	781
100A23	2131	2088	2042	1998	1959	1784	1640	1329	1122	859
100A25	2325	2278	2228	2180	2137	1946	1789	1450	1224	937
100A27	2519	2468	2414	2362	2315	2109	1939	1571	1326	1015
100A29	2713	2658	2599	2543	2493	2271	2088	1692	1428	1093
100A31	2907	2848	2785	2725	2671	2433	2237	1813	1530	1171
100A33	3100	3038	2971	2907	2849	2595	2386	1933	1632	1249
100A39	3486	3417	3342	3270	3204	2919	2682	2175	1836	1404
100A45	4068	3987	3897	3813	3738	3405	3132	2538	2142	1638
100A51	4650	4557	4455	4359	4272	3891	3579	2898	2448	1872
100A57	5232	5127	5013	4905	4806	4380	4026	3261	2754	2106
100A63	5814	5697	5571	5451	5343	4866	4473	3624	3060	2343
100A69	6393	6264	6126	5994	5877	5352	4920	3987	3366	2577
100A75	6975	6834	6684	6540	6411	5838	5367	4350	3672	2811
100A81	7557	7404	7242	7086	6945	6327	5817	4713	3978	3045
100A87	8139	7974	7797	7629	7479	6813	6264	5076	4284	3279
100A93	8721	8544	8355	8175	8013	7299	6711	5439	4590	3513
100A99	9300	9114	8913	8721	8547	7785	7158	5799	4896	3747

ABSOLYTE® IIP

Absolyte IIP Performance Specifications - Constant Power Watts Per Cell to 1.67 Final Volts Per Cell @ 25°C (77°F)

CELL TYPE	MINUTES										
	5	6	7	8	9	10	11	12	13	14	15
50A											
50A05	341	330	319	308	297	286	276	266	258	249	241
50A07	512	495	478	462	445	429	414	400	387	374	362
50A09	683	660	638	616	594	573	552	533	516	499	483
50A13	1024	991	957	924	891	859	828	800	774	748	725
90A											
90A07	671	655	639	623	609	593	579	565	553	541	529
90A09	895	874	852	831	812	791	772	754	738	722	706
90A11	1119	1092	1066	1039	1015	988	965	943	922	903	882
90A13	1342	1311	1279	1246	1218	1186	1158	1131	1107	1083	1059
90A15	1566	1529	1492	1454	1421	1384	1352	1320	1291	1264	1235
100A											
100A13	1500	1458	1416	1380	1341	1307	1273	1242	1213	1185	1158
100A15	1750	1701	1652	1610	1565	1525	1486	1449	1415	1382	1351
100A17	2000	1944	1888	1840	1788	1743	1698	1656	1617	1580	1544
100A19	2250	2187	2124	2070	2012	1961	1910	1863	1819	1777	1737
100A21	2500	2430	2360	2300	2236	2179	2123	2071	2022	1975	1931
100A23	2750	2673	2596	2530	2459	2396	2335	2278	2224	2172	2124
100A25	3000	2916	2832	2760	2683	2614	2547	2485	2426	2370	2317
100A27	3250	3159	3068	2990	2906	2832	2759	2692	2628	2567	2510
100A29	3500	3402	3304	3220	3130	3050	2972	2899	2830	2765	2703
100A31	3750	3645	3540	3450	3354	3268	3184	3106	3033	2962	2896
100A33	4000	3888	3776	3680	3577	3486	3396	3313	3235	3160	3089
100A39	4500	4374	4248	4140	4023	3921	3819	3726	3639	3555	3474
100A45	5250	5103	4956	4830	4695	4575	4458	4347	4245	4146	4053
100A51	6000	5832	5664	5520	5364	5229	5094	4968	4851	4740	4632
100A57	6750	6561	6372	6210	6036	5883	5730	5589	5457	5331	5211
100A63	7500	7290	7080	6900	6708	6537	6369	6213	6066	5925	5793
100A69	8250	8019	7788	7590	7377	7188	7005	6834	6672	6516	6372
100A75	9000	8748	8496	8280	8049	7842	7641	7455	7278	7110	6951
100A81	9750	9477	9204	8970	8718	8496	8277	8076	7884	7701	7530
100A87	10500	10206	9912	9660	9390	9150	8916	8697	8490	8295	8109
100A93	11250	10935	10620	10350	10062	9804	9552	9318	9099	8886	8688
100A99	12000	11664	11328	11040	10731	10458	10188	9939	9705	9480	9267

ABSOLYTE[®] IIP

Absolyte IIP Performance Specifications - Constant Power Watts Per Cell to 1.67 Final Volts Per Cell @ 25°C (77°F)

CELL TYPE	MINUTES									
	16	17	18	19	20	25	30	45	60	90
50A										
50A05	234	227	221	215	209	186	168	133	112	86
50A07	352	341	332	323	314	279	253	200	168	129
50A09	469	455	443	430	419	373	337	267	224	172
50A13	704	683	664	646	629	559	506	401	336	258
90A										
90A07	518	507	497	487	477	434	399	321	269	203
90A09	691	677	662	649	636	579	532	429	359	271
90A11	864	846	828	811	796	724	665	536	449	339
90A13	1036	1015	994	974	955	869	799	643	539	407
90A15	1209	1184	1160	1136	1114	1014	932	750	629	475
100A										
100A13	1134	1110	1086	1065	1044	951	880	717	606	464
100A15	1323	1295	1267	1242	1218	1109	1026	836	708	542
100A17	1512	1480	1448	1420	1392	1268	1173	956	809	619
100A19	1701	1665	1629	1597	1566	1426	1320	1075	910	696
100A21	1890	1850	1811	1775	1741	1585	1467	1195	1011	774
100A23	2079	2035	1992	1952	1915	1743	1613	1314	1112	851
100A25	2268	2220	2173	2130	2089	1902	1760	1434	1213	929
100A27	2457	2405	2354	2307	2263	2061	1907	1553	1314	1006
100A29	2646	2590	2535	2485	2437	2219	2053	1673	1416	1084
100A31	2835	2775	2716	2662	2611	2378	2200	1793	1517	1161
100A33	3024	2960	2897	2840	2785	2536	2347	1912	1618	1238
100A39	3402	3330	3258	3195	3132	2853	2640	2151	1818	1392
100A45	3969	3885	3801	3726	3654	3327	3078	2508	2124	1626
100A51	4536	4440	4344	4260	4176	3804	3519	2868	2427	1857
100A57	5103	4995	4887	4791	4698	4278	3960	3225	2730	2088
100A63	5670	5550	5433	5325	5223	4755	4401	3585	3033	2322
100A69	6237	6105	5976	5856	5745	5229	4839	3942	3336	2553
100A75	6804	6660	6519	6390	6267	5706	5280	4302	3639	2787
100A81	7371	7215	7062	6921	6789	6183	5721	4659	3942	3018
100A87	7938	7770	7605	7455	7311	6657	6159	5019	4248	3252
100A93	8505	8325	8148	7986	7833	7135	6600	5379	4551	3483
100A99	9072	8880	8691	8520	8355	7608	7041	5736	4854	3714

ABSOLYTE® IIP

Absolyte IIP Performance Specifications - Constant Power Watts Per Cell to 1.71 Final Volts Per Cell @ 25°C (77°F)

CELL TYPE	MINUTES										
	5	6	7	8	9	10	11	12	13	14	15
50A											
50A05	321	309	298	286	276	266	257	249	241	234	227
50A07	482	463	447	429	414	399	386	373	362	352	341
50A09	642	618	596	572	552	533	514	498	483	469	455
50A13	964	927	894	859	828	799	772	747	724	704	683
90A											
90A07	638	615	599	584	570	556	542	531	519	508	497
90A09	851	820	799	778	760	741	723	708	692	678	663
90A11	1064	1025	999	973	950	926	904	885	865	847	829
90A13	1277	1230	1198	1168	1140	1112	1085	1062	1038	1017	995
90A15	1490	1435	1398	1362	1330	1297	1266	1239	1211	1186	1161
100A											
100A13	1396	1351	1314	1278	1244	1215	1185	1158	1132	1110	1086
100A15	1628	1576	1533	1491	1451	1417	1383	1351	1321	1295	1267
100A17	1861	1801	1752	1704	1659	1620	1580	1544	1510	1480	1448
100A19	2094	2026	1971	1917	1866	1822	1778	1737	1699	1665	1629
100A21	2327	2252	2190	2130	2074	2025	1976	1931	1888	1850	1811
100A23	2559	2477	2409	2343	2281	2227	2173	2124	2076	2035	1992
100A25	2792	2702	2628	2556	2488	2430	2371	2317	2265	2220	2173
100A27	3025	2927	2847	2769	2696	2632	2568	2510	2454	2405	2354
100A29	3257	3152	3066	2982	2903	2835	2766	2703	2643	2590	2535
100A31	3490	3378	3285	3195	3111	3037	2964	2896	2832	2775	2716
100A33	3723	3603	3504	3408	3318	3240	3161	3089	3020	2960	2897
100A39	4188	4053	3942	3834	3732	3645	3555	3474	3396	3330	3258
100A45	4884	4728	4599	4473	4353	4251	4149	4053	3963	3885	3801
100A51	5583	5403	5256	5112	4977	4860	4740	4632	4530	4440	4344
100A57	6282	6078	5913	5751	5598	5466	5334	5211	5097	4995	4887
100A63	6981	6756	6570	6390	6222	6075	5928	5793	5664	5550	5433
100A69	7677	7431	7227	7029	6843	6681	6519	6372	6228	6105	5976
100A75	8376	8106	7884	7668	7464	7290	7113	6951	6795	6660	6519
100A81	9075	8781	8541	8307	8088	7896	7704	7530	7362	7215	7062
100A87	9771	9456	9198	8946	8709	8505	8298	8109	7929	7770	7605
100A93	10470	10134	9855	9585	9333	9111	8892	8688	8496	8325	8148
100A99	11169	10809	10512	10224	9954	9720	9483	9267	9060	8880	8691

ABSOLYTE® IIP

Absolyte IIP Performance Specifications - Constant Power Watts Per Cell to 1.71 Final Volts Per Cell @ 25°C (77°F)

CELL TYPE	MINUTES									
	16	17	18	19	20	25	30	45	60	90
50A										
50A05	221	215	210	205	200	180	164	131	111	85
50A07	332	323	315	308	301	270	246	197	166	128
50A09	443	431	421	410	401	360	328	263	222	171
50A13	665	647	631	616	602	541	493	395	333	256
90A										
90A07	487	478	469	460	451	414	382	313	265	202
90A09	650	637	625	613	602	552	510	417	353	269
90A11	813	796	781	767	752	690	638	522	442	337
90A13	975	956	938	920	903	828	765	626	530	404
90A15	1138	1115	1094	1074	1053	967	893	730	619	472
100A										
100A13	1066	1045	1025	1012	988	907	840	690	586	450
100A15	1244	1219	1196	1180	1153	1058	980	805	684	525
100A17	1422	1393	1367	1349	1318	1209	1120	920	782	600
100A19	1600	1567	1538	1518	1483	1361	1260	1035	879	675
100A21	1778	1742	1709	1687	1648	1512	1401	1150	977	751
100A23	1955	1916	1880	1855	1812	1663	1541	1265	1075	826
100A25	2133	2090	2051	2024	1977	1814	1681	1380	1173	901
100A27	2311	2264	2222	2193	2142	1965	1821	1495	1270	976
100A29	2489	2438	2393	2361	2307	2117	1961	1610	1368	1051
100A31	2667	2613	2564	2530	2472	2268	2101	1726	1466	1126
100A33	2844	2787	2735	2699	2636	2419	2241	1841	1564	1201
100A39	3198	3135	3075	3036	2964	2721	2520	2070	1758	1350
100A45	3732	3657	3588	3540	3459	3174	2940	2415	2052	1575
100A51	4266	4179	4101	4047	3954	3627	3360	2760	2346	1800
100A57	4800	4701	4614	4554	4449	4083	3780	3105	2637	2025
100A63	5334	5226	5127	5061	4944	4536	4203	3450	2931	2253
100A69	5865	5748	5640	5565	5436	4989	4623	3795	3225	2478
100A75	6399	6270	6153	6072	5931	5442	5043	4140	3519	2703
100A81	6933	6792	6666	6579	6426	5895	5463	4485	3810	2928
100A87	7467	7314	7179	7083	6921	6351	5883	4830	4104	3153
100A93	8001	7839	7692	7590	7416	6804	6303	5178	4398	3378
100A99	8532	8361	8205	8097	7908	7257	6723	5523	4692	3603

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Absolyte IIP Performance Specifications - Constant Power Watts Per Cell to 1.75 Final Volts Per Cell @ 25°C (77°F)

CELL TYPE	MINUTES										
	5	6	7	8	9	10	11	12	13	14	15
50A											
50A05	294	282	272	262	253	245	237	231	224	218	212
50A07	441	423	408	393	380	367	356	346	336	327	319
50A09	588	564	544	524	506	490	475	462	448	437	425
50A13	882	846	816	786	760	735	713	693	673	655	638
90A											
90A07	576	560	547	534	521	510	499	488	479	470	460
90A09	768	747	730	712	695	680	665	651	638	626	614
90A11	960	934	912	890	869	850	832	814	798	783	768
90A13	1152	1121	1095	1068	1042	1020	998	977	958	940	921
90A15	1344	1308	1277	1246	1216	1190	1165	1140	1118	1097	1075
100A											
100A13	1260	1227	1195	1170	1141	1111	1093	1071	1050	1030	1011
100A15	1470	1431	1394	1365	1331	1296	1275	1249	1225	1201	1179
100A17	1680	1636	1593	1560	1521	1481	1457	1428	1400	1373	1348
100A19	1890	1840	1792	1755	1711	1666	1639	1606	1575	1545	1516
100A21	2100	2045	1992	1950	1902	1852	1822	1785	1750	1717	1685
100A23	2310	2249	2191	2145	2092	2037	2004	1963	1925	1888	1853
100A25	2520	2454	2390	2340	2282	2222	2186	2142	2100	2060	2022
100A27	2730	2658	2589	2535	2472	2407	2368	2320	2275	2232	2190
100A29	2940	2863	2788	2730	2662	2592	2550	2499	2450	2403	2359
100A31	3150	3067	2988	2925	2853	2778	2733	2677	2625	2575	2527
100A33	3360	3272	3187	3120	3043	2963	2915	2856	2800	2747	2696
100A39	3780	3681	3585	3510	3423	3333	3279	3213	3150	3090	3033
100A45	4410	4293	4182	4095	3993	3888	3825	3747	3675	3603	3537
100A51	5040	4908	4779	4680	4563	4443	4371	4284	4200	4119	4044
100A57	5670	5520	5376	5265	5133	4998	4917	4818	4725	4635	4548
100A63	6300	6135	5976	5850	5706	5556	5466	5355	5250	5151	5055
100A69	6930	6747	6573	6435	6276	6111	6012	5889	5775	5664	5559
100A75	7560	7362	7170	7020	6846	6666	6558	6426	6300	6180	6066
100A81	8190	7974	7767	7605	7416	7221	7104	6960	6825	6696	6570
100A87	8820	8589	8364	8190	7986	7776	7650	7497	7350	7209	7077
100A93	9450	9201	8964	8775	8559	8334	8199	8031	7875	7725	7581
100A99	10080	9816	9561	9360	9129	8889	8745	8568	8400	8241	8088

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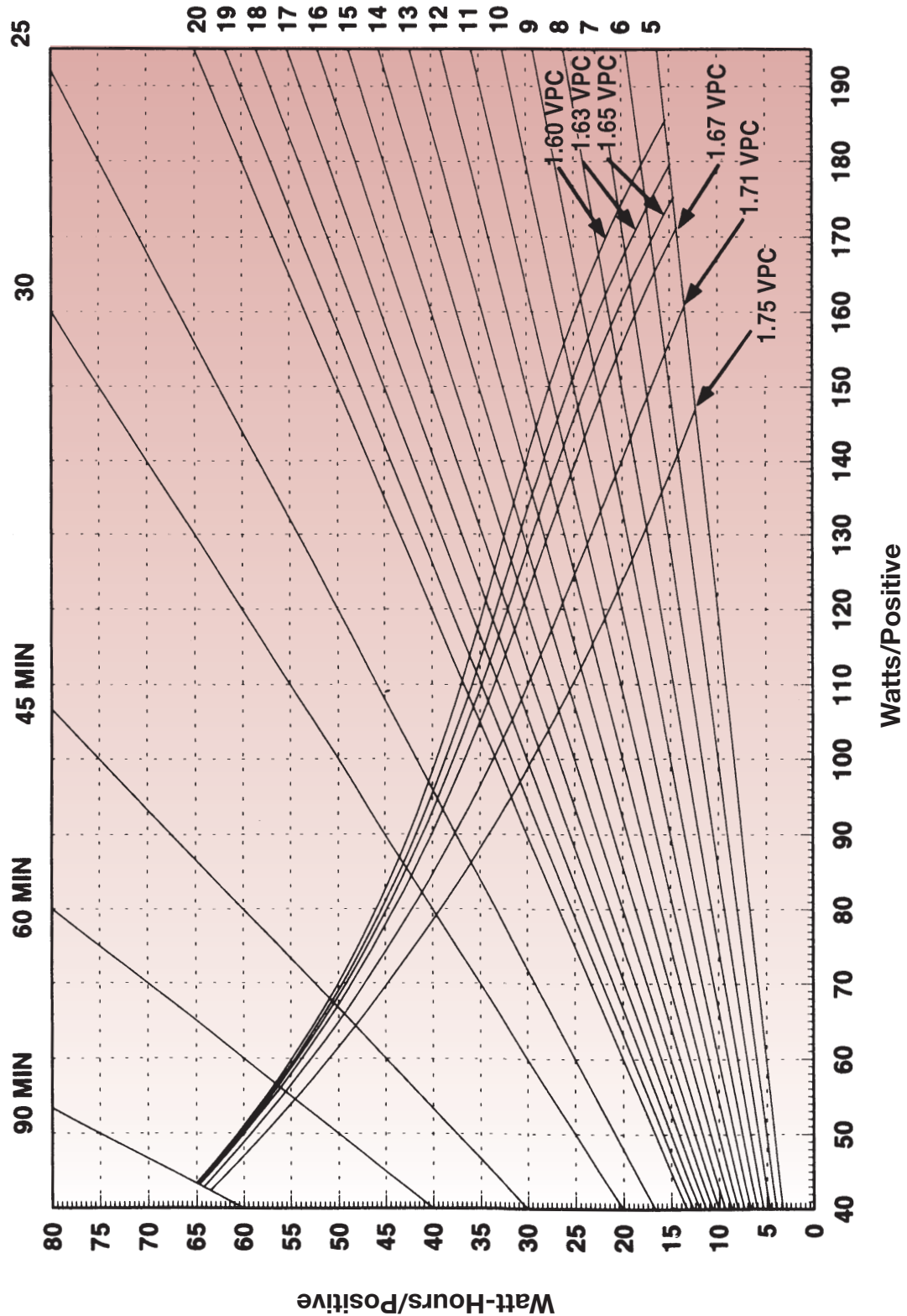
Absolyte IIP Performance Specifications - Constant Power Watts Per Cell to 1.75 Final Volts Per Cell @ 25°C (77°F)

CELL TYPE	MINUTES									
	16	17	18	19	20	25	30	45	60	90
50A										
50A05	207	203	198	194	190	172	158	128	109	84
50A07	311	304	297	291	285	258	237	192	163	127
50A09	415	406	396	388	380	344	316	257	218	169
50A13	623	609	595	582	570	517	475	385	327	254
90A										
90A07	452	444	436	428	421	389	362	300	256	198
90A09	603	592	581	571	562	519	483	400	341	264
90A11	753	740	727	714	703	649	604	500	427	330
90A13	904	888	872	857	843	779	724	600	512	396
90A15	1055	1036	1017	1000	984	909	845	700	598	462
100A										
100A13	992	973	957	940	924	853	793	656	558	430
100A15	1157	1136	1117	1096	1078	996	926	765	652	502
100A17	1323	1298	1276	1253	1232	1138	1058	874	745	573
100A19	1488	1460	1436	1410	1386	1280	1190	984	838	645
100A21	1654	1623	1596	1567	1541	1423	1323	1093	931	717
100A23	1819	1785	1755	1723	1695	1565	1455	1202	1024	789
100A25	1984	1947	1915	1880	1849	1707	1587	1312	1117	860
100A27	2150	2109	2074	2037	2003	1850	1719	1421	1210	932
100A29	2315	2272	2234	2193	2157	1992	1852	1530	1304	1004
100A31	2481	2434	2394	2350	2311	2134	1984	1640	1397	1076
100A33	2646	2596	2553	2507	2465	2277	2116	1749	1490	1147
100A39	2976	2919	2871	2820	2772	2559	2379	1968	1674	1290
100A45	3471	3408	3351	3288	3234	2988	2778	2295	1956	1506
100A51	3969	3894	3828	3759	3696	3414	3174	2622	2235	1719
100A57	4464	4380	4308	4230	4158	3840	3570	2952	2514	1935
100A63	4962	4869	4788	4701	4623	4269	3969	3279	2793	2151
100A69	5457	5355	5265	5169	5085	4695	4365	3606	3072	2367
100A75	5952	5841	5745	5640	5547	5121	4761	3936	3351	2580
100A81	6450	6327	6222	6111	6009	5550	5157	4263	3630	2796
100A87	6945	6816	6702	6579	6471	5976	5556	4590	3912	3012
100A93	7443	7302	7182	7050	6933	6402	5952	4920	4191	3228
100A99	7938	7788	7659	7521	7395	6831	6348	5247	4470	3441

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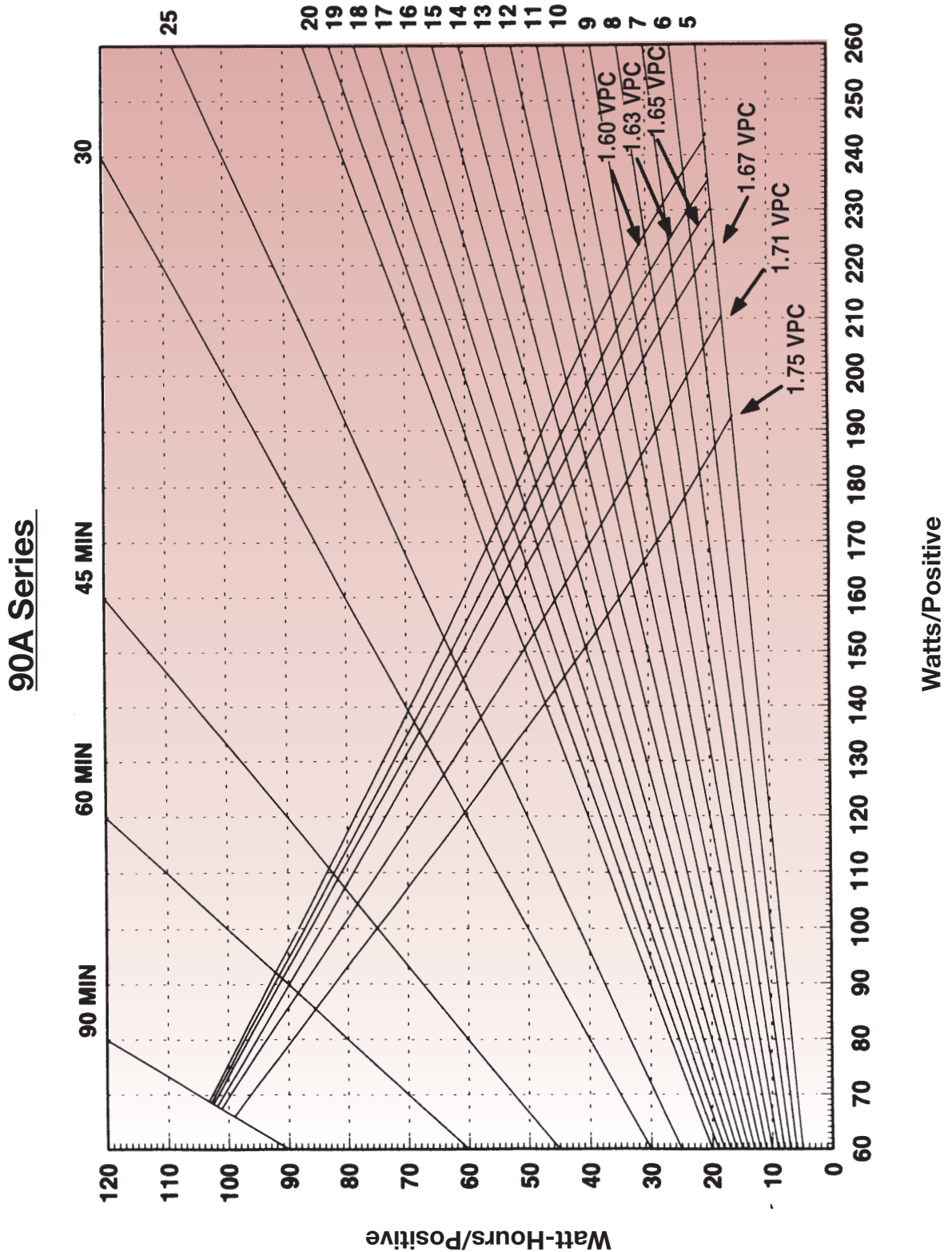
Absolyte IIP Performance Curves @ 25°C (77°F) — 5 to 90 Minutes

50A Series



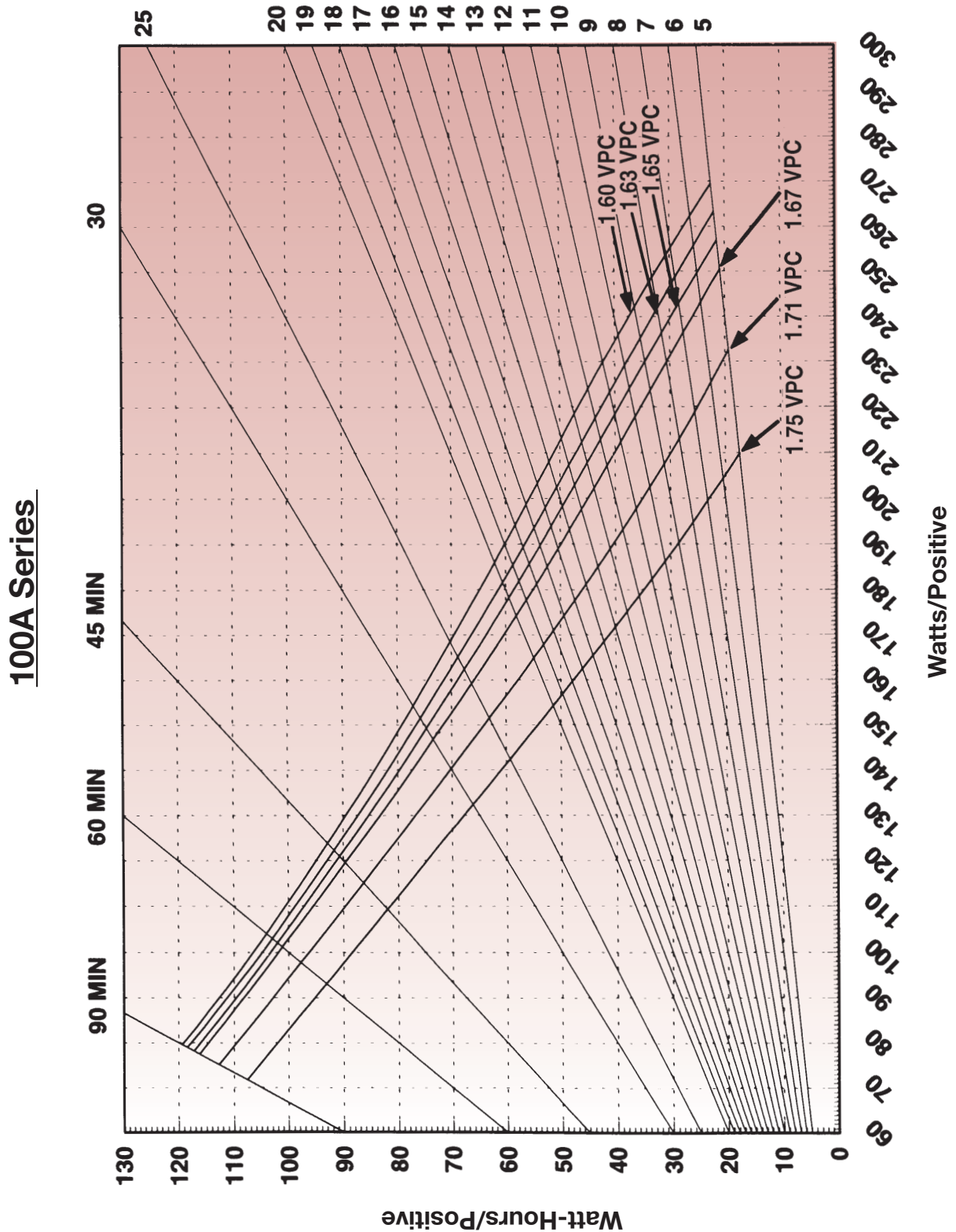
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Absolyte IIP Performance Curves @ 25°C (77°F) — 5 to 90 Minutes



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Absolyte IIP Performance Curves @ 25°C (77°F) — 5 to 90 Minutes



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NOTES

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Based on over 100 years of technological innovation the Network Power Division leads the industry with the most recognized global brands such as ABSOLYTE®, SONNENSCHN®, MARATHON®, SPRINTER®, and GNB FLOODED CLASSIC™. They have come to symbolize quality, reliability, performance and excellence in all the markets served.

Exide Technologies takes pride in its commitment to a better environment. Its Total Battery Management program, an integrated approach to manufacturing, distributing and recycling of lead acid batteries, has been developed to ensure a safe and responsible life cycle for all of its products.

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