

ABSOLYTE® IIP



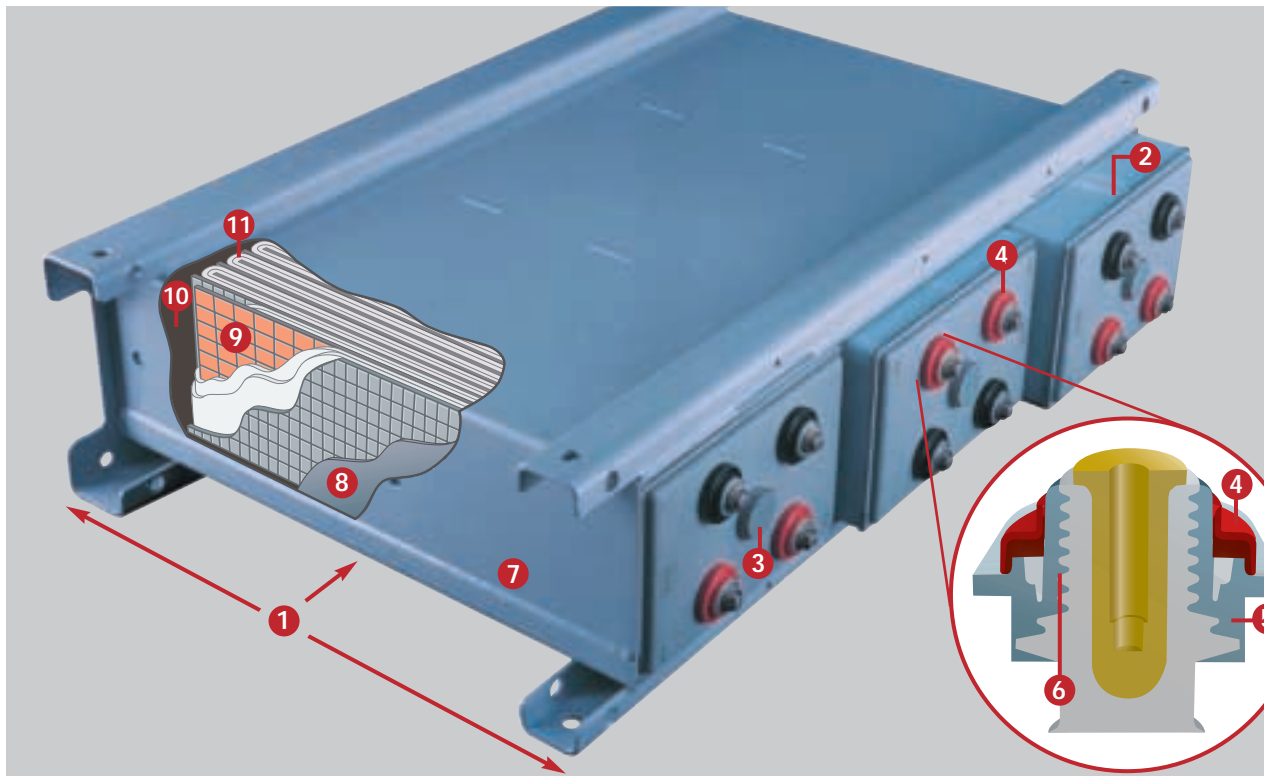
CONSTANT CURRENT SPECIFICATIONS

104 AH to 4800 AH
1 MINUTE to 24 HOURS

G N B

INDUSTRIAL POWER

ABSOLYTE[®] IIP



Designed for High Performance

- 1 Highest capacity in the smallest footprint. Frees up valuable floorspace 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. 5-10 psi opening pressure, self-resealing.
- 4 Color-coded terminal. Polarity provides easy 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 guarantees a leak-free bond.
- 7 Modular steel tray. Easy to install.
- 8 Polypropylene jar. Low water vapor permeability.
- 9 Patented 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. Eliminates 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 U.B.C. 1994 Seismic Zone IV and to ten high for U.B.C. 1997 Seismic Zone IV (at or below grade).
- IEC 896, BS 6290, UL Recognized, ISO 9002 and designed to meet Telcordia SR4228.

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 Current Amperes to 1.75 Final Volts Per Cell @ 25°C (77 °F)

| CELL TYPE | HOURS | | | | | | | | | | | MINUTES | | | 1 MIN TO 1.50 |
|-------------|-------|-----|-----|-----|-----|-----|-----|------|------|------|------|---------|------|------|---------------|
| | 24 | 12 | 10 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 30 | 15 | 1 | |
| 50A | | | | | | | | | | | | | | | |
| 50A05 | 5.1 | 9.3 | 11 | 13 | 14 | 16 | 18 | 22 | 27 | 37 | 58 | 94 | 133 | 189 | 312 |
| 50A07 | 7.7 | 14 | 16 | 19 | 22 | 24 | 28 | 33 | 41 | 56 | 87 | 142 | 199 | 283 | 464 |
| 50A09 | 10 | 18 | 22 | 26 | 29 | 33 | 37 | 44 | 55 | 75 | 116 | 189 | 266 | 378 | 621 |
| 50A13 | 15 | 28 | 33 | 39 | 44 | 49 | 56 | 67 | 83 | 112 | 175 | 284 | 399 | 543 | 891 |
| 90A | | | | | | | | | | | | | | | |
| 90A07 | 12 | 23 | 27 | 32 | 36 | 41 | 47 | 55 | 69 | 93 | 151 | 214 | 264 | 352 | 629 |
| 90A09 | 17 | 31 | 36 | 43 | 48 | 54 | 63 | 74 | 92 | 124 | 201 | 285 | 353 | 460 | 823 |
| 90A11 | 21 | 39 | 46 | 54 | 60 | 68 | 78 | 93 | 115 | 155 | 251 | 357 | 441 | 559 | 999 |
| 90A13 | 25 | 47 | 55 | 65 | 73 | 82 | 94 | 111 | 138 | 186 | 302 | 428 | 529 | 658 | 1176 |
| 90A15 | 30 | 55 | 64 | 76 | 85 | 96 | 110 | 130 | 162 | 217 | 352 | 499 | 618 | 737 | 1316 |
| 100A | | | | | | | | | | | | | | | |
| 100A13 | 29 | 54 | 62 | 75 | 83 | 93 | 107 | 128 | 158 | 212 | 312 | 446 | 559 | 680 | 1193 |
| 100A15 | 33 | 63 | 73 | 87 | 96 | 109 | 125 | 149 | 184 | 248 | 364 | 520 | 652 | 757 | 1327 |
| 100A17 | 38 | 72 | 83 | 100 | 110 | 125 | 143 | 170 | 211 | 283 | 416 | 595 | 745 | 991 | 1738 |
| 100A19 | 43 | 81 | 94 | 112 | 124 | 140 | 161 | 192 | 237 | 319 | 468 | 669 | 838 | 1087 | 1906 |
| 100A21 | 48 | 90 | 104 | 125 | 138 | 156 | 179 | 213 | 264 | 354 | 520 | 744 | 932 | 1187 | 2081 |
| 100A23 | 53 | 99 | 115 | 137 | 152 | 172 | 197 | 234 | 290 | 390 | 572 | 818 | 1025 | 1271 | 2228 |
| 100A25 | 58 | 108 | 125 | 150 | 166 | 187 | 215 | 256 | 316 | 425 | 624 | 892 | 1118 | 1361 | 2386 |
| 100A27 | 62 | 117 | 135 | 162 | 180 | 203 | 233 | 277 | 343 | 461 | 676 | 967 | 1211 | 1434 | 2513 |
| 100A29 | 67 | 127 | 146 | 175 | 193 | 219 | 251 | 298 | 369 | 496 | 728 | 1041 | 1304 | 1677 | 2939 |
| 100A31 | 72 | 136 | 156 | 187 | 207 | 234 | 269 | 320 | 396 | 532 | 780 | 1116 | 1398 | 1781 | 3121 |
| 100A33 | 77 | 145 | 167 | 200 | 221 | 250 | 287 | 341 | 422 | 567 | 832 | 1190 | 1491 | 1866 | 3270 |
| 100A39 | 87 | 162 | 186 | 225 | 249 | 279 | 321 | 384 | 474 | 636 | 936 | 1338 | 1677 | 2040 | 3579 |
| 100A45 | 99 | 189 | 219 | 261 | 288 | 327 | 375 | 447 | 552 | 744 | 1092 | 1560 | 1956 | 2271 | 3981 |
| 100A51 | 114 | 216 | 249 | 300 | 330 | 375 | 429 | 510 | 633 | 849 | 1248 | 1785 | 2235 | 2973 | 5214 |
| 100A57 | 129 | 243 | 282 | 336 | 372 | 420 | 483 | 576 | 711 | 957 | 1404 | 2007 | 2514 | 3261 | 5718 |
| 100A63 | 144 | 270 | 312 | 375 | 414 | 468 | 537 | 639 | 792 | 1062 | 1560 | 2232 | 2796 | 3561 | 6243 |
| 100A69 | 159 | 297 | 345 | 411 | 456 | 516 | 591 | 702 | 870 | 1170 | 1716 | 2454 | 3075 | 3813 | 6684 |
| 100A75 | 174 | 324 | 375 | 450 | 498 | 561 | 645 | 768 | 948 | 1275 | 1872 | 2676 | 3354 | 4083 | 7158 |
| 100A81 | 186 | 351 | 405 | 486 | 540 | 609 | 699 | 831 | 1029 | 1383 | 2028 | 2901 | 3633 | 4302 | 7539 |
| 100A87 | 201 | 381 | 438 | 525 | 579 | 657 | 753 | 894 | 1107 | 1488 | 2184 | 3123 | 3912 | 5031 | 8817 |
| 100A93 | 216 | 408 | 468 | 561 | 621 | 702 | 807 | 960 | 1188 | 1596 | 2340 | 3348 | 4194 | 5343 | 9363 |
| 100A99 | 231 | 435 | 501 | 600 | 663 | 750 | 861 | 1023 | 1266 | 1701 | 2496 | 3570 | 4473 | 5598 | 9810 |

ABSOLYTE[®] IIP

Absolyte IIP Performance Specifications - Constant Current Amperes to 1.78 Final Volts Per Cell @ 25°C (77 °F)

| CELL TYPE | HOURS | | | | | | | | | | | MINUTES | | |
|-------------|-------|-----|-----|-----|-----|-----|-----|------|------|------|------|---------|------|------|
| | 24 | 12 | 10 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 30 | 15 | 1 |
| 50A | | | | | | | | | | | | | | |
| 50A05 | 5.1 | 9.2 | 10 | 12 | 14 | 16 | 18 | 22 | 27 | 36 | 57 | 91 | 126 | 180 |
| 50A07 | 7.7 | 13 | 16 | 19 | 21 | 24 | 27 | 33 | 41 | 55 | 85 | 136 | 189 | 267 |
| 50A09 | 10 | 18 | 21 | 25 | 28 | 32 | 37 | 44 | 54 | 73 | 114 | 182 | 252 | 357 |
| 50A13 | 15 | 27 | 32 | 38 | 43 | 48 | 55 | 66 | 82 | 110 | 171 | 273 | 378 | 513 |
| 90A | | | | | | | | | | | | | | |
| 90A07 | 12 | 23 | 27 | 32 | 36 | 40 | 46 | 54 | 67 | 90 | 145 | 200 | 244 | 322 |
| 90A09 | 17 | 31 | 36 | 43 | 48 | 54 | 62 | 72 | 90 | 121 | 193 | 267 | 326 | 421 |
| 90A11 | 21 | 39 | 45 | 54 | 60 | 68 | 77 | 91 | 112 | 151 | 242 | 334 | 408 | 512 |
| 90A13 | 25 | 47 | 55 | 65 | 72 | 81 | 93 | 109 | 135 | 181 | 290 | 401 | 489 | 602 |
| 90A15 | 30 | 55 | 64 | 76 | 84 | 95 | 109 | 127 | 157 | 212 | 338 | 468 | 571 | 674 |
| 100A | | | | | | | | | | | | | | |
| 100A13 | 28 | 54 | 62 | 73 | 82 | 92 | 106 | 126 | 157 | 207 | 306 | 421 | 522 | 631 |
| 100A15 | 33 | 63 | 72 | 86 | 96 | 108 | 123 | 147 | 183 | 241 | 357 | 492 | 609 | 703 |
| 100A17 | 38 | 72 | 83 | 98 | 109 | 123 | 141 | 168 | 209 | 276 | 408 | 562 | 696 | 920 |
| 100A19 | 43 | 81 | 93 | 110 | 123 | 138 | 159 | 189 | 236 | 310 | 459 | 632 | 783 | 1009 |
| 100A21 | 48 | 90 | 103 | 122 | 137 | 154 | 176 | 210 | 262 | 345 | 511 | 703 | 871 | 1102 |
| 100A23 | 52 | 99 | 114 | 135 | 151 | 169 | 194 | 231 | 288 | 379 | 562 | 773 | 958 | 1180 |
| 100A25 | 57 | 108 | 124 | 147 | 164 | 185 | 212 | 252 | 314 | 414 | 613 | 843 | 1045 | 1263 |
| 100A27 | 62 | 117 | 134 | 159 | 178 | 200 | 229 | 273 | 341 | 449 | 664 | 913 | 1132 | 1331 |
| 100A29 | 67 | 126 | 145 | 172 | 192 | 216 | 247 | 294 | 367 | 483 | 715 | 984 | 1219 | 1556 |
| 100A31 | 72 | 135 | 155 | 184 | 206 | 231 | 265 | 315 | 393 | 518 | 766 | 1054 | 1306 | 1653 |
| 100A33 | 76 | 144 | 166 | 196 | 219 | 246 | 282 | 336 | 419 | 552 | 817 | 1124 | 1393 | 1731 |
| 100A39 | 84 | 162 | 186 | 219 | 246 | 276 | 318 | 378 | 471 | 621 | 918 | 1263 | 1566 | 1893 |
| 100A45 | 99 | 189 | 216 | 258 | 288 | 324 | 369 | 441 | 549 | 723 | 1071 | 1476 | 1827 | 2109 |
| 100A51 | 114 | 216 | 249 | 294 | 327 | 369 | 423 | 504 | 627 | 828 | 1224 | 1686 | 2088 | 2760 |
| 100A57 | 129 | 243 | 279 | 330 | 369 | 414 | 477 | 567 | 708 | 930 | 1377 | 1896 | 2349 | 3027 |
| 100A63 | 144 | 270 | 309 | 366 | 411 | 462 | 528 | 630 | 786 | 1035 | 1533 | 2109 | 2613 | 3306 |
| 100A69 | 156 | 297 | 342 | 405 | 453 | 507 | 582 | 693 | 864 | 1137 | 1686 | 2319 | 2874 | 3540 |
| 100A75 | 171 | 324 | 372 | 441 | 492 | 555 | 636 | 756 | 942 | 1242 | 1839 | 2529 | 3135 | 3789 |
| 100A81 | 186 | 351 | 402 | 477 | 534 | 600 | 687 | 819 | 1023 | 1347 | 1992 | 2739 | 3396 | 3993 |
| 100A87 | 201 | 378 | 435 | 516 | 576 | 648 | 741 | 882 | 1101 | 1449 | 2145 | 2952 | 3657 | 4668 |
| 100A93 | 216 | 405 | 465 | 552 | 618 | 693 | 795 | 945 | 1179 | 1554 | 2298 | 3162 | 3918 | 4959 |
| 100A99 | 228 | 432 | 498 | 588 | 657 | 738 | 846 | 1008 | 1257 | 1656 | 2451 | 3372 | 4179 | 5193 |

ABSOLYTE[®] IIP

Absolyte IIP Performance Specifications - Constant Current Amperes to 1.80 Final Volts Per Cell @ 25°C (77 °F)

| CELL TYPE | HOURS | | | | | | | | | | | MINUTES | | |
|--------------|-------|-----|-----|-----|-----|-----|-----|-----|------|------|------|---------|------|------|
| | 24 | 12 | 10 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 30 | 15 | 1 |
| 50A | | | | | | | | | | | | | | |
| 50A05 | 5.1 | 9.2 | 10 | 12 | 14 | 16 | 18 | 21 | 27 | 36 | 55 | 88 | 120 | 170 |
| 50A07 | 7.7 | 13 | 16 | 19 | 21 | 24 | 27 | 32 | 40 | 54 | 83 | 132 | 181 | 253 |
| 50A09 | 10 | 18 | 21 | 25 | 28 | 32 | 36 | 43 | 53 | 72 | 111 | 176 | 241 | 338 |
| 50A13 | 15 | 27 | 32 | 38 | 42 | 48 | 54 | 65 | 80 | 108 | 167 | 264 | 362 | 486 |
| 90A | | | | | | | | | | | | | | |
| 90A07 | 12 | 23 | 27 | 32 | 35 | 40 | 45 | 53 | 66 | 88 | 141 | 192 | 230 | 293 |
| 90A09 | 17 | 31 | 36 | 43 | 47 | 53 | 61 | 71 | 88 | 118 | 189 | 256 | 307 | 383 |
| 90A11 | 21 | 39 | 45 | 53 | 59 | 67 | 76 | 88 | 110 | 147 | 236 | 321 | 384 | 466 |
| 90A13 | 25 | 46 | 54 | 64 | 71 | 80 | 91 | 106 | 132 | 177 | 283 | 385 | 461 | 548 |
| 90A15 | 29 | 54 | 63 | 75 | 83 | 93 | 107 | 124 | 154 | 206 | 331 | 449 | 538 | 613 |
| 100A | | | | | | | | | | | | | | |
| 100A13 | 28 | 53 | 62 | 73 | 82 | 91 | 105 | 124 | 156 | 201 | 301 | 406 | 492 | 575 |
| 100A15 | 33 | 62 | 72 | 85 | 95 | 107 | 123 | 145 | 182 | 235 | 351 | 474 | 574 | 640 |
| 100A17 | 38 | 71 | 82 | 97 | 109 | 122 | 140 | 165 | 208 | 269 | 401 | 542 | 656 | 838 |
| 100A19 | 42 | 80 | 93 | 110 | 123 | 137 | 158 | 186 | 234 | 302 | 451 | 610 | 738 | 919 |
| 100A21 | 47 | 89 | 103 | 122 | 136 | 153 | 175 | 207 | 260 | 336 | 502 | 678 | 820 | 1004 |
| 100A23 | 52 | 98 | 113 | 134 | 150 | 168 | 193 | 228 | 286 | 369 | 552 | 745 | 902 | 1075 |
| 100A25 | 57 | 107 | 124 | 146 | 164 | 183 | 211 | 248 | 312 | 403 | 602 | 813 | 984 | 1151 |
| 100A27 | 61 | 116 | 134 | 159 | 177 | 199 | 228 | 269 | 338 | 437 | 652 | 881 | 1066 | 1212 |
| 100A29 | 66 | 125 | 144 | 171 | 191 | 214 | 246 | 290 | 364 | 470 | 702 | 949 | 1148 | 1418 |
| 100A31 | 71 | 134 | 155 | 183 | 205 | 229 | 263 | 311 | 390 | 504 | 753 | 1017 | 1230 | 1506 |
| 100A33 | 76 | 143 | 165 | 195 | 218 | 245 | 281 | 331 | 416 | 538 | 803 | 1084 | 1312 | 1577 |
| 100A39 | 84 | 159 | 186 | 219 | 246 | 273 | 315 | 372 | 468 | 603 | 903 | 1218 | 1476 | 1725 |
| 100A45 | 99 | 186 | 216 | 255 | 285 | 321 | 369 | 435 | 546 | 705 | 1053 | 1422 | 1722 | 1920 |
| 100A51 | 114 | 213 | 246 | 291 | 327 | 366 | 420 | 495 | 624 | 807 | 1203 | 1626 | 1968 | 2514 |
| 100A57 | 126 | 240 | 279 | 330 | 369 | 411 | 474 | 558 | 702 | 906 | 1353 | 1830 | 2214 | 2757 |
| 100A63 | 141 | 267 | 309 | 366 | 408 | 459 | 525 | 621 | 780 | 1008 | 1506 | 2034 | 2460 | 3012 |
| 100A69 | 156 | 294 | 339 | 402 | 450 | 504 | 579 | 684 | 858 | 1107 | 1656 | 2235 | 2706 | 3225 |
| 100A75 | 171 | 321 | 372 | 438 | 492 | 549 | 633 | 744 | 936 | 1209 | 1806 | 2439 | 2952 | 3453 |
| 100A81 | 183 | 348 | 402 | 477 | 531 | 597 | 684 | 807 | 1014 | 1311 | 1956 | 2643 | 3198 | 3636 |
| 100A87 | 198 | 375 | 432 | 513 | 573 | 642 | 738 | 870 | 1092 | 1410 | 2106 | 2847 | 3444 | 4254 |
| 100A93 | 213 | 402 | 465 | 549 | 615 | 687 | 789 | 933 | 1170 | 1512 | 2259 | 3051 | 3690 | 4518 |
| 100A99 | 228 | 429 | 495 | 585 | 654 | 735 | 843 | 993 | 1248 | 1614 | 2409 | 3252 | 3936 | 4731 |

ABSOLYTE[®] IIP

Absolyte IIP Performance Specifications - Constant Current Amperes to 1.81 Final Volts Per Cell @ 25°C (77 °F)

| CELL TYPE | HOURS | | | | | | | | | | | MINUTES | | |
|--------------|-------|-----|-----|-----|-----|-----|-----|-----|------|------|------|---------|------|------|
| | 24 | 12 | 10 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 30 | 15 | 1 |
| 50A | | | | | | | | | | | | | | |
| 50A05 | 5.1 | 9.1 | 10 | 12 | 14 | 15 | 18 | 21 | 26 | 35 | 54 | 86 | 118 | 164 |
| 50A07 | 7.6 | 13 | 15 | 19 | 21 | 23 | 27 | 32 | 40 | 53 | 82 | 129 | 177 | 244 |
| 50A09 | 10 | 18 | 21 | 25 | 28 | 31 | 36 | 43 | 53 | 71 | 109 | 172 | 236 | 326 |
| 50A13 | 15 | 27 | 31 | 38 | 42 | 47 | 54 | 64 | 80 | 106 | 164 | 259 | 354 | 468 |
| 90A | | | | | | | | | | | | | | |
| 90A07 | 12 | 23 | 27 | 32 | 35 | 39 | 45 | 53 | 65 | 87 | 138 | 187 | 224 | 284 |
| 90A09 | 16 | 31 | 36 | 42 | 47 | 53 | 60 | 71 | 87 | 116 | 184 | 250 | 298 | 372 |
| 90A11 | 21 | 38 | 45 | 53 | 59 | 66 | 76 | 89 | 109 | 145 | 230 | 312 | 373 | 451 |
| 90A13 | 25 | 46 | 54 | 64 | 70 | 79 | 91 | 107 | 131 | 175 | 276 | 375 | 448 | 531 |
| 90A15 | 29 | 54 | 63 | 74 | 82 | 93 | 106 | 125 | 153 | 204 | 322 | 437 | 522 | 595 |
| 100A | | | | | | | | | | | | | | |
| 100A13 | 28 | 53 | 61 | 73 | 81 | 91 | 104 | 123 | 155 | 201 | 298 | 397 | 478 | 550 |
| 100A15 | 33 | 62 | 72 | 85 | 95 | 106 | 122 | 144 | 181 | 235 | 348 | 463 | 557 | 612 |
| 100A17 | 37 | 71 | 82 | 97 | 108 | 122 | 139 | 164 | 207 | 268 | 398 | 529 | 637 | 802 |
| 100A19 | 42 | 80 | 92 | 109 | 122 | 137 | 157 | 185 | 233 | 302 | 447 | 595 | 717 | 879 |
| 100A21 | 47 | 89 | 103 | 121 | 135 | 152 | 174 | 205 | 259 | 335 | 497 | 662 | 797 | 960 |
| 100A23 | 52 | 97 | 113 | 134 | 149 | 167 | 191 | 226 | 285 | 369 | 547 | 728 | 876 | 1028 |
| 100A25 | 56 | 106 | 123 | 146 | 162 | 183 | 209 | 246 | 311 | 402 | 597 | 794 | 956 | 1101 |
| 100A27 | 61 | 115 | 134 | 158 | 176 | 198 | 226 | 267 | 337 | 436 | 646 | 860 | 1036 | 1160 |
| 100A29 | 66 | 124 | 144 | 170 | 190 | 213 | 244 | 288 | 363 | 470 | 696 | 926 | 1115 | 1356 |
| 100A31 | 71 | 133 | 154 | 182 | 203 | 228 | 261 | 308 | 389 | 503 | 746 | 993 | 1195 | 1440 |
| 100A33 | 75 | 142 | 164 | 195 | 217 | 244 | 279 | 329 | 415 | 537 | 796 | 1059 | 1275 | 1509 |
| 100A39 | 84 | 159 | 183 | 219 | 243 | 273 | 312 | 369 | 465 | 603 | 894 | 1191 | 1434 | 1650 |
| 100A45 | 99 | 186 | 216 | 255 | 285 | 318 | 366 | 432 | 543 | 705 | 1044 | 1389 | 1671 | 1836 |
| 100A51 | 111 | 213 | 246 | 291 | 324 | 366 | 417 | 492 | 621 | 804 | 1194 | 1587 | 1911 | 2406 |
| 100A57 | 126 | 240 | 276 | 327 | 366 | 411 | 471 | 555 | 699 | 906 | 1341 | 1785 | 2151 | 2637 |
| 100A63 | 141 | 267 | 309 | 363 | 405 | 456 | 522 | 615 | 777 | 1005 | 1491 | 1986 | 2391 | 2880 |
| 100A69 | 156 | 291 | 339 | 402 | 447 | 501 | 573 | 678 | 855 | 1107 | 1641 | 2184 | 2628 | 3084 |
| 100A75 | 168 | 318 | 369 | 438 | 486 | 549 | 627 | 738 | 933 | 1206 | 1791 | 2382 | 2868 | 3303 |
| 100A81 | 183 | 345 | 402 | 474 | 528 | 594 | 678 | 801 | 1011 | 1308 | 1938 | 2580 | 3108 | 3480 |
| 100A87 | 198 | 372 | 432 | 510 | 570 | 639 | 732 | 864 | 1089 | 1410 | 2088 | 2778 | 3345 | 4068 |
| 100A93 | 213 | 399 | 462 | 546 | 609 | 684 | 783 | 924 | 1167 | 1509 | 2238 | 2979 | 3585 | 4320 |
| 100A99 | 225 | 426 | 492 | 585 | 651 | 732 | 837 | 987 | 1245 | 1611 | 2388 | 3177 | 3825 | 4527 |

ABSOLYTE[®] IIP

Absolyte IIP Performance Specifications - Constant Current Amperes to 1.83 Final Volts Per Cell @ 25°C (77 °F)

| CELL TYPE | HOURS | | | | | | | | | | |
|--------------|-------|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| | 24 | 12 | 10 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
| 50A | | | | | | | | | | | |
| 50A05 | 5.0 | 9.0 | 10 | 12 | 13 | 15 | 17 | 20 | 26 | 34 | 53 |
| 50A07 | 7.5 | 13 | 15 | 18 | 20 | 23 | 26 | 31 | 39 | 52 | 80 |
| 50A09 | 10 | 18 | 20 | 24 | 27 | 31 | 35 | 41 | 52 | 69 | 106 |
| 50A13 | 15 | 27 | 31 | 37 | 41 | 46 | 53 | 62 | 78 | 104 | 160 |
| 90A | | | | | | | | | | | |
| 90A07 | 12 | 23 | 26 | 31 | 35 | 39 | 44 | 52 | 64 | 85 | 131 |
| 90A09 | 16 | 30 | 35 | 41 | 46 | 52 | 59 | 70 | 86 | 113 | 175 |
| 90A11 | 20 | 38 | 44 | 52 | 58 | 65 | 74 | 88 | 108 | 142 | 219 |
| 90A13 | 25 | 46 | 53 | 62 | 70 | 78 | 89 | 105 | 129 | 170 | 263 |
| 90A15 | 29 | 53 | 62 | 72 | 82 | 92 | 104 | 123 | 151 | 199 | 307 |
| 100A | | | | | | | | | | | |
| 100A13 | 28 | 53 | 61 | 72 | 80 | 89 | 102 | 121 | 151 | 195 | 286 |
| 100A15 | 32 | 61 | 71 | 84 | 94 | 104 | 119 | 141 | 176 | 227 | 334 |
| 100A17 | 37 | 70 | 81 | 96 | 107 | 119 | 136 | 161 | 201 | 260 | 382 |
| 100A19 | 42 | 79 | 91 | 108 | 120 | 134 | 153 | 181 | 227 | 293 | 430 |
| 100A21 | 47 | 88 | 102 | 120 | 134 | 149 | 170 | 202 | 252 | 325 | 478 |
| 100A23 | 51 | 97 | 112 | 132 | 147 | 164 | 187 | 222 | 277 | 358 | 525 |
| 100A25 | 56 | 106 | 122 | 144 | 161 | 179 | 204 | 242 | 302 | 390 | 573 |
| 100A27 | 61 | 115 | 132 | 156 | 174 | 194 | 221 | 262 | 328 | 423 | 621 |
| 100A29 | 65 | 123 | 143 | 168 | 188 | 209 | 238 | 282 | 353 | 455 | 669 |
| 100A31 | 70 | 132 | 153 | 180 | 201 | 224 | 255 | 303 | 378 | 488 | 717 |
| 100A33 | 75 | 141 | 163 | 192 | 214 | 239 | 272 | 323 | 403 | 520 | 764 |
| 100A39 | 84 | 159 | 183 | 216 | 240 | 267 | 306 | 363 | 453 | 585 | 858 |
| 100A45 | 96 | 183 | 213 | 252 | 282 | 312 | 357 | 423 | 528 | 681 | 1002 |
| 100A51 | 111 | 210 | 243 | 288 | 321 | 357 | 408 | 483 | 603 | 780 | 1146 |
| 100A57 | 126 | 237 | 273 | 324 | 360 | 402 | 459 | 543 | 681 | 879 | 1290 |
| 100A63 | 141 | 264 | 306 | 360 | 402 | 447 | 510 | 606 | 756 | 975 | 1434 |
| 100A69 | 153 | 291 | 336 | 396 | 441 | 492 | 561 | 666 | 831 | 1074 | 1575 |
| 100A75 | 168 | 318 | 366 | 432 | 483 | 537 | 612 | 726 | 906 | 1170 | 1719 |
| 100A81 | 183 | 345 | 396 | 468 | 522 | 582 | 663 | 786 | 984 | 1269 | 1863 |
| 100A87 | 195 | 369 | 429 | 504 | 564 | 627 | 714 | 846 | 1059 | 1365 | 2007 |
| 100A93 | 210 | 396 | 459 | 540 | 603 | 672 | 765 | 909 | 1134 | 1464 | 2151 |
| 100A99 | 225 | 423 | 489 | 576 | 642 | 717 | 816 | 969 | 1209 | 1560 | 2292 |

ABSOLYTE[®] IIP

Absolyte IIP Performance Specifications - Constant Current Amperes to 1.84 Final Volts Per Cell @ 25°C (77 °F)

| CELL TYPE | HOURS | | | | | | | | | | |
|--------------|-------|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| | 24 | 12 | 10 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
| 50A | | | | | | | | | | | |
| 50A05 | 5.0 | 9.0 | 10 | 12 | 13 | 15 | 17 | 20 | 25 | 34 | 52 |
| 50A07 | 7.5 | 13 | 15 | 18 | 20 | 23 | 26 | 31 | 38 | 51 | 78 |
| 50A09 | 10 | 18 | 20 | 24 | 27 | 30 | 35 | 41 | 51 | 68 | 104 |
| 50A13 | 15 | 27 | 30 | 36 | 41 | 46 | 52 | 62 | 77 | 102 | 156 |
| 90A | | | | | | | | | | | |
| 90A07 | 12 | 22 | 26 | 31 | 34 | 38 | 43 | 51 | 63 | 84 | 129 |
| 90A09 | 16 | 30 | 35 | 41 | 46 | 51 | 58 | 68 | 84 | 112 | 172 |
| 90A11 | 20 | 38 | 44 | 51 | 57 | 64 | 73 | 86 | 106 | 140 | 215 |
| 90A13 | 25 | 45 | 53 | 62 | 69 | 77 | 87 | 103 | 127 | 168 | 258 |
| 90A15 | 29 | 53 | 62 | 72 | 80 | 90 | 102 | 120 | 148 | 196 | 301 |
| 100A | | | | | | | | | | | |
| 100A13 | 28 | 52 | 60 | 72 | 80 | 89 | 100 | 119 | 148 | 191 | 279 |
| 100A15 | 32 | 61 | 70 | 84 | 93 | 103 | 117 | 139 | 173 | 223 | 325 |
| 100A17 | 37 | 70 | 81 | 96 | 106 | 118 | 134 | 159 | 198 | 255 | 372 |
| 100A19 | 42 | 79 | 91 | 108 | 120 | 133 | 151 | 179 | 222 | 287 | 418 |
| 100A21 | 46 | 87 | 101 | 120 | 133 | 148 | 167 | 199 | 247 | 319 | 465 |
| 100A23 | 51 | 96 | 111 | 132 | 146 | 163 | 184 | 219 | 272 | 350 | 511 |
| 100A25 | 56 | 105 | 121 | 144 | 160 | 178 | 201 | 239 | 297 | 382 | 558 |
| 100A27 | 60 | 114 | 131 | 156 | 173 | 193 | 218 | 259 | 322 | 414 | 604 |
| 100A29 | 65 | 122 | 141 | 168 | 187 | 207 | 235 | 279 | 346 | 446 | 651 |
| 100A31 | 70 | 131 | 152 | 180 | 200 | 222 | 251 | 299 | 371 | 478 | 697 |
| 100A33 | 74 | 140 | 162 | 192 | 213 | 237 | 268 | 319 | 396 | 510 | 744 |
| 100A39 | 84 | 156 | 180 | 216 | 240 | 267 | 300 | 357 | 444 | 573 | 837 |
| 100A45 | 96 | 183 | 210 | 252 | 279 | 309 | 351 | 417 | 519 | 669 | 975 |
| 100A51 | 111 | 210 | 243 | 288 | 318 | 354 | 402 | 477 | 594 | 765 | 1116 |
| 100A57 | 126 | 237 | 273 | 324 | 360 | 399 | 453 | 537 | 666 | 861 | 1254 |
| 100A63 | 138 | 261 | 303 | 360 | 399 | 444 | 501 | 597 | 741 | 957 | 1395 |
| 100A69 | 153 | 288 | 333 | 396 | 438 | 489 | 552 | 657 | 816 | 1050 | 1533 |
| 100A75 | 168 | 315 | 363 | 432 | 480 | 534 | 603 | 717 | 891 | 1146 | 1674 |
| 100A81 | 180 | 342 | 393 | 468 | 519 | 579 | 654 | 777 | 966 | 1242 | 1812 |
| 100A87 | 195 | 366 | 423 | 504 | 561 | 621 | 705 | 837 | 1038 | 1338 | 1953 |
| 100A93 | 210 | 393 | 456 | 540 | 600 | 666 | 753 | 897 | 1113 | 1434 | 2091 |
| 100A99 | 222 | 420 | 486 | 576 | 639 | 711 | 804 | 957 | 1188 | 1530 | 2232 |

ABSOLYTE[®] IIP

Absolyte IIP Performance Specifications - Constant Current Amperes to 1.86 Final Volts Per Cell @ 25°C (77 °F)

| CELL TYPE | HOURS | | | | | | | | | | |
|--------------|-------|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| | 24 | 12 | 10 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
| 50A | | | | | | | | | | | |
| 50A05 | 4.9 | 8.9 | 10 | 12 | 13 | 15 | 17 | 20 | 24 | 33 | 50 |
| 50A07 | 7.3 | 13 | 15 | 18 | 20 | 22 | 25 | 30 | 37 | 49 | 75 |
| 50A09 | 9.8 | 17 | 20 | 24 | 26 | 30 | 34 | 40 | 49 | 66 | 100 |
| 50A13 | 14 | 26 | 30 | 36 | 40 | 45 | 51 | 61 | 74 | 99 | 150 |
| 90A | | | | | | | | | | | |
| 90A07 | 12 | 22 | 26 | 30 | 34 | 38 | 43 | 51 | 62 | 80 | 123 |
| 90A09 | 16 | 30 | 35 | 41 | 45 | 50 | 58 | 68 | 82 | 107 | 164 |
| 90A11 | 20 | 37 | 43 | 51 | 56 | 63 | 72 | 86 | 103 | 134 | 205 |
| 90A13 | 24 | 45 | 52 | 61 | 68 | 76 | 87 | 103 | 124 | 161 | 246 |
| 90A15 | 28 | 52 | 61 | 71 | 79 | 89 | 101 | 120 | 144 | 188 | 287 |
| 100A | | | | | | | | | | | |
| 100A13 | 27 | 51 | 59 | 70 | 77 | 86 | 98 | 115 | 141 | 181 | 265 |
| 100A15 | 31 | 60 | 69 | 81 | 90 | 100 | 115 | 135 | 164 | 212 | 309 |
| 100A17 | 36 | 68 | 79 | 93 | 103 | 115 | 131 | 154 | 188 | 242 | 353 |
| 100A19 | 41 | 77 | 89 | 105 | 116 | 129 | 148 | 173 | 212 | 272 | 397 |
| 100A21 | 45 | 85 | 99 | 117 | 129 | 144 | 164 | 193 | 235 | 303 | 442 |
| 100A23 | 50 | 94 | 108 | 128 | 141 | 158 | 181 | 212 | 259 | 333 | 486 |
| 100A25 | 54 | 103 | 118 | 140 | 154 | 173 | 197 | 231 | 282 | 363 | 530 |
| 100A27 | 59 | 111 | 128 | 152 | 167 | 187 | 213 | 251 | 306 | 394 | 574 |
| 100A29 | 63 | 120 | 138 | 163 | 180 | 201 | 230 | 270 | 329 | 424 | 618 |
| 100A31 | 68 | 128 | 148 | 175 | 193 | 216 | 246 | 289 | 353 | 454 | 663 |
| 100A33 | 73 | 137 | 158 | 187 | 206 | 230 | 263 | 309 | 377 | 484 | 707 |
| 100A39 | 81 | 153 | 177 | 210 | 231 | 258 | 294 | 345 | 423 | 543 | 795 |
| 100A45 | 93 | 180 | 207 | 243 | 270 | 300 | 345 | 405 | 492 | 636 | 927 |
| 100A51 | 108 | 204 | 237 | 279 | 309 | 345 | 393 | 462 | 564 | 726 | 1059 |
| 100A57 | 123 | 231 | 267 | 315 | 348 | 387 | 444 | 519 | 636 | 816 | 1191 |
| 100A63 | 135 | 255 | 297 | 351 | 387 | 432 | 492 | 579 | 705 | 909 | 1326 |
| 100A69 | 150 | 282 | 324 | 384 | 423 | 474 | 543 | 636 | 777 | 999 | 1458 |
| 100A75 | 162 | 309 | 354 | 420 | 462 | 519 | 591 | 693 | 846 | 1089 | 1590 |
| 100A81 | 177 | 333 | 384 | 456 | 501 | 561 | 639 | 753 | 918 | 1182 | 1722 |
| 100A87 | 189 | 360 | 414 | 489 | 540 | 603 | 690 | 810 | 987 | 1272 | 1854 |
| 100A93 | 204 | 384 | 444 | 525 | 579 | 648 | 738 | 867 | 1059 | 1362 | 1989 |
| 100A99 | 219 | 411 | 474 | 561 | 618 | 690 | 789 | 927 | 1131 | 1452 | 2121 |

ABSOLYTE[®] IIP

Absolyte IIP Performance Specifications - Constant Current Amperes to 1.88 Final Volts Per Cell @ 25°C (77 °F)

| CELL TYPE | HOURS | | | | | | | | | | |
|--------------|-------|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| | 24 | 12 | 10 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
| 50A | | | | | | | | | | | |
| 50A05 | 4.7 | 8.6 | 9 | 11 | 12 | 14 | 16 | 19 | 23 | 31 | 47 |
| 50A07 | 7.1 | 13 | 14 | 17 | 19 | 21 | 24 | 29 | 35 | 47 | 70 |
| 50A09 | 9.5 | 17 | 19 | 23 | 25 | 28 | 32 | 38 | 47 | 62 | 94 |
| 50A13 | 14 | 26 | 29 | 34 | 38 | 42 | 49 | 58 | 71 | 94 | 141 |
| 90A | | | | | | | | | | | |
| 90A07 | 12 | 22 | 25 | 30 | 33 | 36 | 41 | 48 | 59 | 76 | 115 |
| 90A09 | 16 | 29 | 33 | 40 | 44 | 48 | 55 | 64 | 79 | 102 | 153 |
| 90A11 | 20 | 36 | 42 | 50 | 55 | 60 | 68 | 81 | 99 | 127 | 192 |
| 90A13 | 24 | 44 | 50 | 60 | 66 | 73 | 82 | 97 | 119 | 153 | 230 |
| 90A15 | 28 | 51 | 58 | 70 | 77 | 85 | 96 | 113 | 138 | 178 | 269 |
| 100A | | | | | | | | | | | |
| 100A13 | 26 | 49 | 56 | 67 | 74 | 81 | 92 | 109 | 133 | 172 | 246 |
| 100A15 | 30 | 58 | 66 | 78 | 86 | 95 | 107 | 127 | 156 | 200 | 287 |
| 100A17 | 35 | 66 | 75 | 89 | 99 | 109 | 123 | 145 | 178 | 229 | 328 |
| 100A19 | 39 | 74 | 85 | 100 | 111 | 122 | 138 | 163 | 200 | 258 | 369 |
| 100A21 | 44 | 82 | 94 | 112 | 124 | 136 | 154 | 182 | 223 | 287 | 410 |
| 100A23 | 48 | 91 | 104 | 123 | 136 | 150 | 169 | 200 | 245 | 315 | 451 |
| 100A25 | 53 | 99 | 113 | 134 | 148 | 163 | 184 | 218 | 267 | 344 | 492 |
| 100A27 | 57 | 107 | 123 | 145 | 161 | 177 | 200 | 236 | 290 | 373 | 533 |
| 100A29 | 61 | 116 | 132 | 157 | 173 | 191 | 215 | 254 | 312 | 401 | 574 |
| 100A31 | 66 | 124 | 142 | 168 | 186 | 204 | 231 | 273 | 334 | 430 | 615 |
| 100A33 | 70 | 132 | 151 | 179 | 198 | 218 | 246 | 291 | 357 | 459 | 656 |
| 100A39 | 78 | 147 | 168 | 201 | 222 | 243 | 276 | 327 | 399 | 516 | 738 |
| 100A45 | 90 | 174 | 198 | 234 | 258 | 285 | 321 | 381 | 468 | 600 | 861 |
| 100A51 | 105 | 198 | 225 | 267 | 297 | 327 | 369 | 435 | 534 | 687 | 984 |
| 100A57 | 117 | 222 | 255 | 300 | 333 | 366 | 414 | 489 | 600 | 774 | 1107 |
| 100A63 | 132 | 246 | 282 | 336 | 372 | 408 | 462 | 546 | 669 | 861 | 1230 |
| 100A69 | 144 | 273 | 312 | 369 | 408 | 450 | 507 | 600 | 735 | 945 | 1353 |
| 100A75 | 159 | 297 | 339 | 402 | 444 | 489 | 552 | 654 | 801 | 1032 | 1476 |
| 100A81 | 171 | 321 | 369 | 435 | 483 | 531 | 600 | 708 | 870 | 1119 | 1599 |
| 100A87 | 183 | 348 | 396 | 471 | 519 | 573 | 645 | 762 | 936 | 1203 | 1722 |
| 100A93 | 198 | 372 | 426 | 504 | 558 | 612 | 693 | 819 | 1002 | 1290 | 1845 |
| 100A99 | 210 | 396 | 453 | 537 | 594 | 654 | 738 | 873 | 1071 | 1377 | 1968 |

ABSOLYTE[®] IIP

Absolyte IIP Performance Specifications - Constant Current Amperes to 1.90 Final Volts Per Cell @ 25°C (77 °F)

| CELL TYPE | HOURS | | | | | | | | | | |
|--------------|-------|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| | 24 | 12 | 10 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
| 50A | | | | | | | | | | | |
| 50A05 | 4.5 | 8.3 | 9 | 11 | 12 | 13 | 16 | 18 | 23 | 29 | 44 |
| 50A07 | 6.8 | 12 | 14 | 16 | 18 | 20 | 24 | 28 | 34 | 44 | 67 |
| 50A09 | 9.1 | 16 | 18 | 22 | 25 | 27 | 32 | 37 | 46 | 59 | 89 |
| 50A13 | 13 | 25 | 28 | 33 | 37 | 41 | 48 | 56 | 69 | 89 | 134 |
| 90A | | | | | | | | | | | |
| 90A07 | 11 | 21 | 24 | 28 | 31 | 35 | 39 | 46 | 56 | 73 | 105 |
| 90A09 | 15 | 28 | 32 | 38 | 42 | 46 | 53 | 62 | 75 | 98 | 140 |
| 90A11 | 19 | 35 | 40 | 47 | 53 | 58 | 66 | 78 | 94 | 123 | 175 |
| 90A13 | 23 | 42 | 48 | 57 | 63 | 70 | 79 | 93 | 113 | 147 | 210 |
| 90A15 | 27 | 49 | 56 | 67 | 74 | 82 | 93 | 109 | 132 | 172 | 245 |
| 100A | | | | | | | | | | | |
| 100A13 | 25 | 47 | 54 | 63 | 70 | 78 | 87 | 103 | 126 | 161 | 228 |
| 100A15 | 29 | 55 | 63 | 74 | 82 | 91 | 102 | 120 | 147 | 188 | 266 |
| 100A17 | 33 | 63 | 72 | 85 | 94 | 104 | 116 | 138 | 168 | 215 | 304 |
| 100A19 | 38 | 71 | 81 | 95 | 106 | 117 | 131 | 155 | 189 | 242 | 342 |
| 100A21 | 42 | 79 | 90 | 106 | 118 | 130 | 146 | 172 | 211 | 269 | 380 |
| 100A23 | 46 | 87 | 99 | 117 | 129 | 143 | 160 | 190 | 232 | 295 | 418 |
| 100A25 | 50 | 95 | 108 | 127 | 141 | 156 | 175 | 207 | 253 | 322 | 456 |
| 100A27 | 55 | 103 | 117 | 138 | 153 | 169 | 189 | 224 | 274 | 349 | 494 |
| 100A29 | 59 | 110 | 126 | 149 | 165 | 182 | 204 | 241 | 295 | 376 | 532 |
| 100A31 | 63 | 118 | 135 | 159 | 177 | 195 | 219 | 259 | 316 | 403 | 570 |
| 100A33 | 67 | 126 | 144 | 170 | 188 | 208 | 233 | 276 | 337 | 430 | 608 |
| 100A39 | 75 | 141 | 162 | 189 | 210 | 234 | 261 | 309 | 378 | 483 | 684 |
| 100A45 | 87 | 165 | 189 | 222 | 246 | 273 | 306 | 360 | 441 | 564 | 798 |
| 100A51 | 99 | 189 | 216 | 255 | 282 | 312 | 348 | 414 | 504 | 645 | 912 |
| 100A57 | 114 | 213 | 243 | 285 | 318 | 351 | 393 | 465 | 567 | 726 | 1026 |
| 100A63 | 126 | 237 | 270 | 318 | 354 | 390 | 438 | 516 | 633 | 807 | 1140 |
| 100A69 | 138 | 261 | 297 | 351 | 387 | 429 | 480 | 570 | 696 | 885 | 1254 |
| 100A75 | 150 | 285 | 324 | 381 | 423 | 468 | 525 | 621 | 759 | 966 | 1368 |
| 100A81 | 165 | 309 | 351 | 414 | 459 | 507 | 567 | 672 | 822 | 1047 | 1482 |
| 100A87 | 177 | 330 | 378 | 447 | 495 | 546 | 612 | 723 | 885 | 1128 | 1596 |
| 100A93 | 189 | 354 | 405 | 477 | 531 | 585 | 657 | 777 | 948 | 1209 | 1710 |
| 100A99 | 201 | 378 | 432 | 510 | 564 | 624 | 699 | 828 | 1011 | 1290 | 1824 |

ABSOLYTE® IIP

Absolyte IIP Performance Specifications - Constant Current Amperes to 1.92 Final Volts Per Cell @ 25°C (77 °F)

| CELL TYPE | HOURS | | | | | | | | | | |
|--------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|
| | 24 | 12 | 10 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
| 50A | | | | | | | | | | | |
| 50A05 | 4.3 | 7.9 | 8 | 10 | 11 | 13 | 15 | 17 | 21 | 28 | 41 |
| 50A07 | 6.5 | 11 | 13 | 15 | 17 | 19 | 22 | 26 | 32 | 42 | 62 |
| 50A09 | 8.6 | 15 | 17 | 21 | 23 | 26 | 30 | 35 | 43 | 56 | 83 |
| 50A13 | 13 | 23 | 26 | 31 | 35 | 39 | 45 | 53 | 64 | 84 | 125 |
| 90A | | | | | | | | | | | |
| 90A07 | 11 | 20 | 23 | 27 | 30 | 33 | 37 | 44 | 53 | 68 | 99 |
| 90A09 | 14 | 27 | 31 | 36 | 40 | 44 | 50 | 59 | 71 | 91 | 132 |
| 90A11 | 18 | 34 | 38 | 45 | 51 | 55 | 63 | 74 | 88 | 114 | 165 |
| 90A13 | 22 | 40 | 46 | 55 | 61 | 66 | 75 | 89 | 106 | 137 | 198 |
| 90A15 | 25 | 47 | 54 | 64 | 71 | 77 | 88 | 103 | 124 | 160 | 231 |
| 100A | | | | | | | | | | | |
| 100A13 | 24 | 45 | 50 | 59 | 66 | 72 | 81 | 96 | 116 | 148 | 206 |
| 100A15 | 28 | 52 | 59 | 69 | 77 | 84 | 95 | 112 | 136 | 172 | 240 |
| 100A17 | 32 | 60 | 67 | 79 | 88 | 96 | 108 | 128 | 155 | 197 | 275 |
| 100A19 | 36 | 67 | 76 | 89 | 99 | 109 | 122 | 144 | 174 | 222 | 309 |
| 100A21 | 40 | 75 | 84 | 99 | 110 | 121 | 136 | 160 | 194 | 247 | 344 |
| 100A23 | 44 | 82 | 93 | 109 | 121 | 133 | 149 | 176 | 213 | 271 | 378 |
| 100A25 | 48 | 90 | 101 | 119 | 132 | 145 | 163 | 192 | 233 | 296 | 412 |
| 100A27 | 52 | 97 | 110 | 129 | 143 | 157 | 177 | 208 | 252 | 321 | 447 |
| 100A29 | 56 | 105 | 118 | 139 | 155 | 169 | 190 | 224 | 272 | 345 | 481 |
| 100A31 | 60 | 113 | 127 | 149 | 166 | 181 | 204 | 240 | 291 | 370 | 516 |
| 100A33 | 64 | 120 | 135 | 159 | 177 | 193 | 217 | 256 | 311 | 395 | 550 |
| 100A39 | 72 | 135 | 150 | 177 | 198 | 216 | 243 | 288 | 348 | 444 | 618 |
| 100A45 | 84 | 156 | 177 | 207 | 231 | 252 | 285 | 336 | 408 | 516 | 720 |
| 100A51 | 96 | 180 | 201 | 237 | 264 | 288 | 324 | 384 | 465 | 591 | 825 |
| 100A57 | 108 | 201 | 228 | 267 | 297 | 327 | 366 | 432 | 522 | 666 | 927 |
| 100A63 | 120 | 225 | 252 | 297 | 330 | 363 | 408 | 480 | 582 | 741 | 1032 |
| 100A69 | 132 | 246 | 279 | 327 | 363 | 399 | 447 | 528 | 639 | 813 | 1134 |
| 100A75 | 144 | 270 | 303 | 357 | 396 | 435 | 489 | 576 | 699 | 888 | 1236 |
| 100A81 | 156 | 291 | 330 | 387 | 429 | 471 | 531 | 624 | 756 | 963 | 1341 |
| 100A87 | 168 | 315 | 354 | 417 | 465 | 507 | 570 | 672 | 816 | 1035 | 1443 |
| 100A93 | 180 | 339 | 381 | 447 | 498 | 543 | 612 | 720 | 873 | 1110 | 1548 |
| 100A99 | 192 | 360 | 405 | 477 | 531 | 579 | 651 | 768 | 933 | 1185 | 1650 |

ABSOLYTE[®] IIP

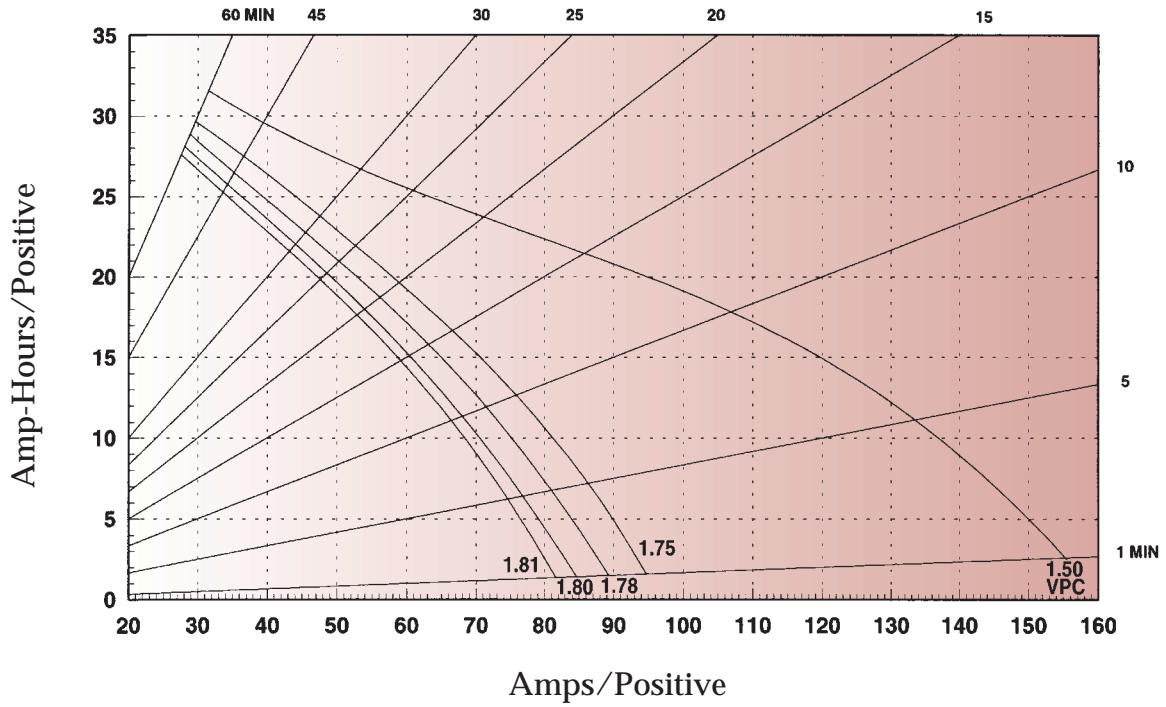
Absolyte IIP Performance Specifications - Constant Current Amperes to 1.94 Final Volts Per Cell @ 25°C (77 °F)

| CELL TYPE | HOURS | | | | | | | | | | |
|--------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|
| | 24 | 12 | 10 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
| 50A | | | | | | | | | | | |
| 50A05 | 4.0 | 7.4 | 8 | 9 | 11 | 12 | 14 | 16 | 20 | 24 | 37 |
| 50A07 | 6.1 | 11 | 12 | 14 | 16 | 18 | 21 | 24 | 30 | 36 | 56 |
| 50A09 | 8.1 | 14 | 16 | 19 | 22 | 24 | 28 | 33 | 40 | 48 | 75 |
| 50A13 | 12 | 22 | 25 | 29 | 33 | 36 | 42 | 49 | 60 | 73 | 112 |
| 90A | | | | | | | | | | | |
| 90A07 | 10 | 19 | 21 | 26 | 28 | 31 | 35 | 41 | 49 | 63 | 91 |
| 90A09 | 14 | 25 | 29 | 34 | 38 | 41 | 46 | 55 | 65 | 84 | 121 |
| 90A11 | 17 | 32 | 36 | 43 | 47 | 52 | 58 | 69 | 82 | 105 | 151 |
| 90A13 | 21 | 38 | 43 | 52 | 57 | 62 | 70 | 82 | 98 | 126 | 182 |
| 90A15 | 24 | 45 | 50 | 60 | 66 | 73 | 81 | 96 | 115 | 147 | 212 |
| 100A | | | | | | | | | | | |
| 100A13 | 22 | 42 | 47 | 55 | 62 | 67 | 75 | 88 | 107 | 135 | 182 |
| 100A15 | 26 | 49 | 55 | 65 | 72 | 79 | 88 | 103 | 125 | 158 | 213 |
| 100A17 | 30 | 56 | 63 | 74 | 82 | 90 | 100 | 118 | 143 | 181 | 243 |
| 100A19 | 33 | 63 | 71 | 83 | 93 | 101 | 113 | 133 | 161 | 203 | 274 |
| 100A21 | 37 | 70 | 79 | 92 | 103 | 113 | 126 | 148 | 179 | 226 | 304 |
| 100A23 | 41 | 77 | 87 | 102 | 113 | 124 | 138 | 163 | 197 | 248 | 334 |
| 100A25 | 45 | 84 | 95 | 111 | 124 | 135 | 151 | 177 | 215 | 271 | 365 |
| 100A27 | 48 | 91 | 103 | 120 | 134 | 146 | 164 | 192 | 233 | 294 | 395 |
| 100A29 | 52 | 98 | 110 | 130 | 145 | 158 | 176 | 207 | 251 | 316 | 426 |
| 100A31 | 56 | 105 | 118 | 139 | 155 | 169 | 189 | 222 | 269 | 339 | 456 |
| 100A33 | 60 | 112 | 126 | 148 | 165 | 180 | 201 | 237 | 287 | 362 | 487 |
| 100A39 | 66 | 126 | 141 | 165 | 186 | 201 | 225 | 264 | 321 | 405 | 546 |
| 100A45 | 78 | 147 | 165 | 195 | 216 | 237 | 264 | 309 | 375 | 474 | 639 |
| 100A51 | 90 | 168 | 189 | 222 | 246 | 270 | 300 | 354 | 429 | 543 | 729 |
| 100A57 | 99 | 189 | 213 | 249 | 279 | 303 | 339 | 399 | 483 | 609 | 822 |
| 100A63 | 111 | 210 | 237 | 276 | 309 | 339 | 378 | 444 | 537 | 678 | 912 |
| 100A69 | 123 | 231 | 261 | 306 | 339 | 372 | 414 | 489 | 591 | 744 | 1002 |
| 100A75 | 135 | 252 | 285 | 333 | 372 | 405 | 453 | 531 | 645 | 813 | 1095 |
| 100A81 | 144 | 273 | 309 | 360 | 402 | 438 | 492 | 576 | 699 | 882 | 1185 |
| 100A87 | 156 | 294 | 330 | 390 | 435 | 474 | 528 | 621 | 753 | 948 | 1278 |
| 100A93 | 168 | 315 | 354 | 417 | 465 | 507 | 567 | 666 | 807 | 1017 | 1368 |
| 100A99 | 180 | 336 | 378 | 444 | 495 | 540 | 603 | 711 | 861 | 1086 | 1461 |

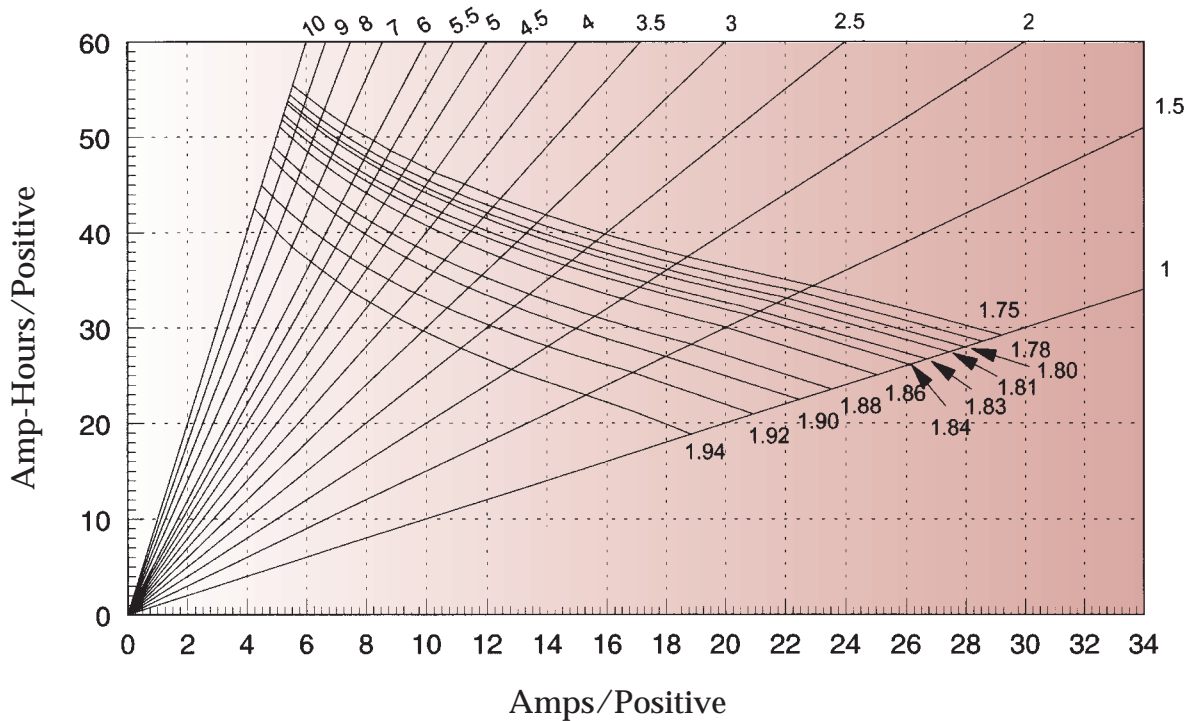
ABSOLYTE[®] IIP

Absolyte IIP Performance Curves @25°C (77°F)

50A Series 1 to 60 Minutes



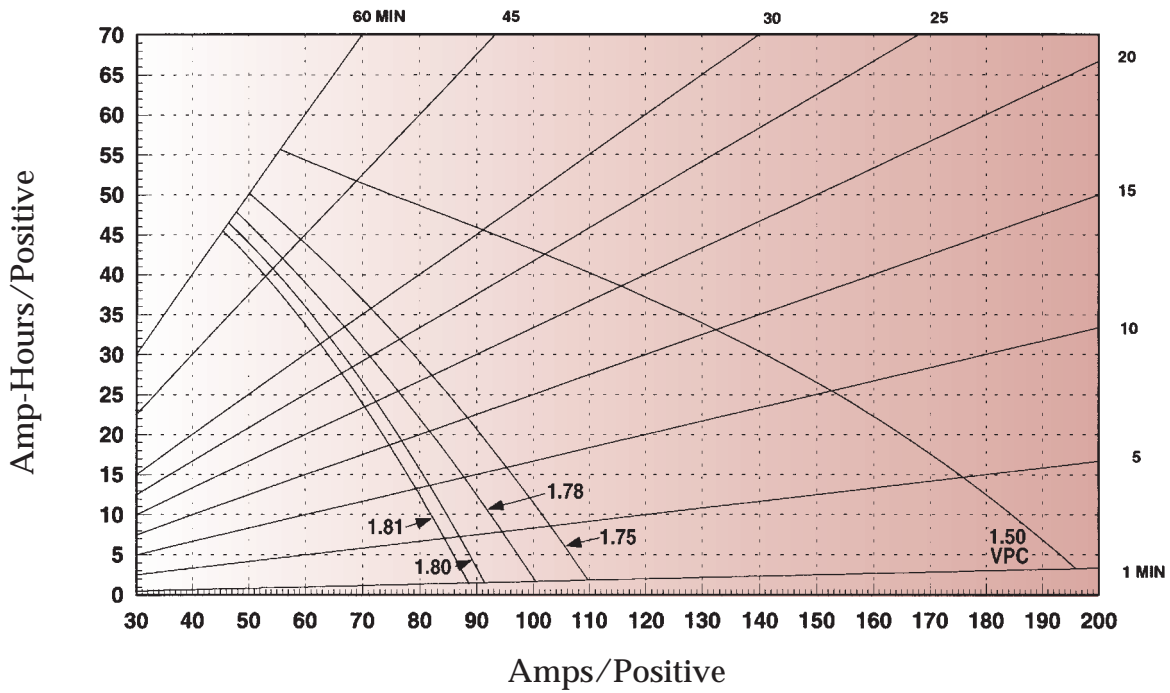
50A Series 1 to 10 Hours



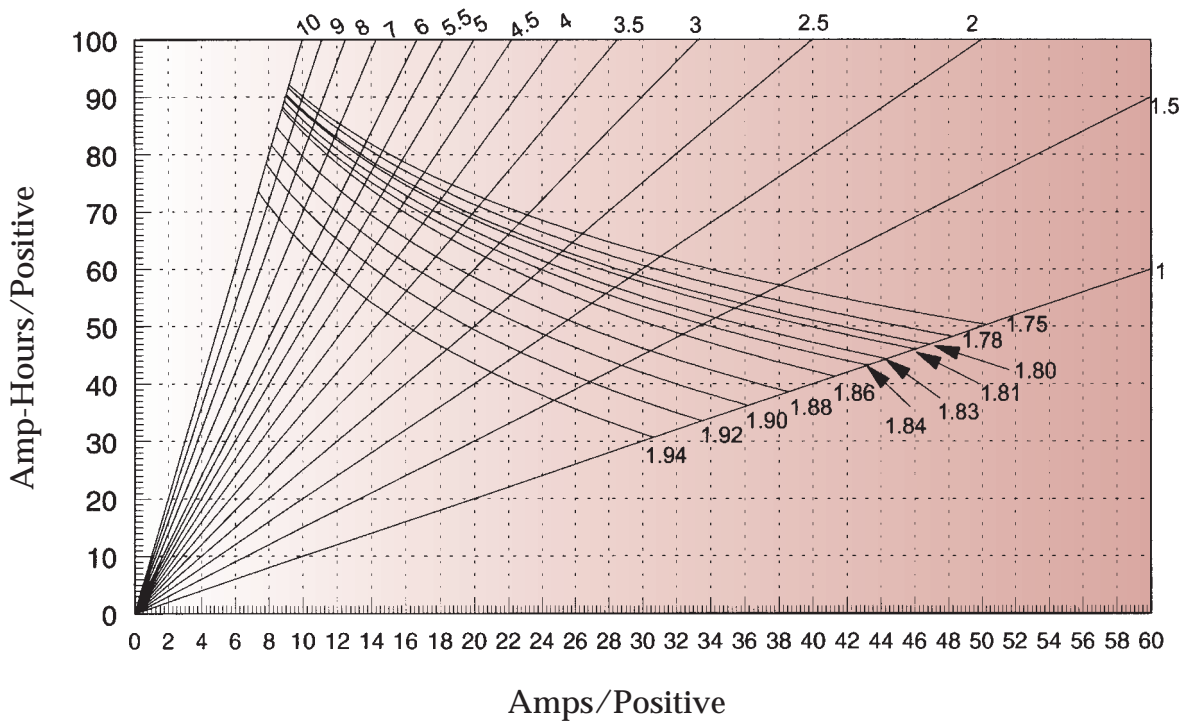
ABSOLYTE[®] IIP

Absolyte IIP Performance Curves @25°C (77°F)

90A Series 1 to 60 Minutes



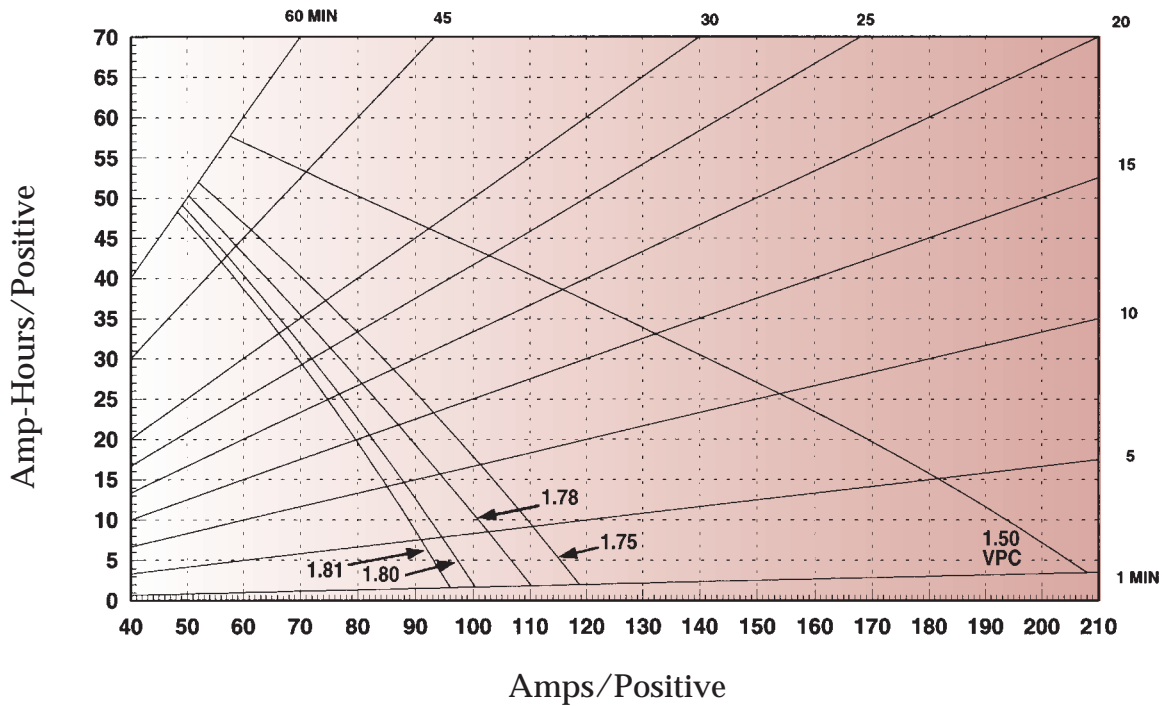
90A Series 1 to 10 Hours



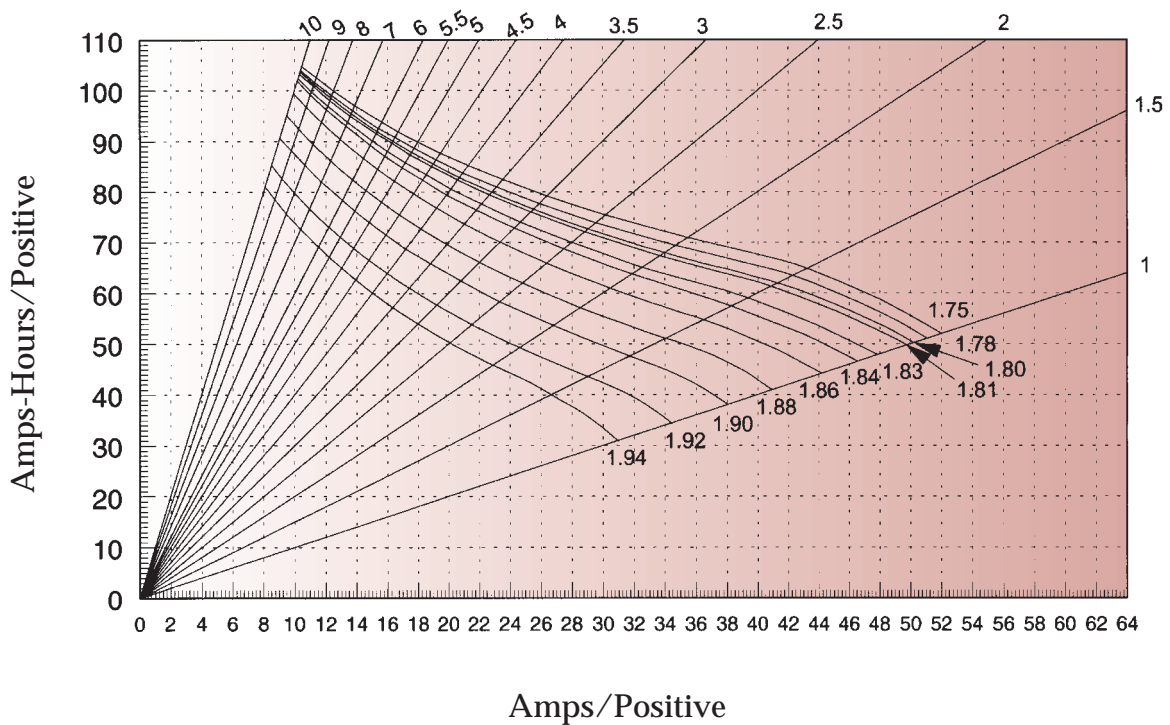
ABSOLYTE[®] IIP

Absolyte IIP Performance Curves @25°C (77°F)

100A Series 1 to 60 Minutes



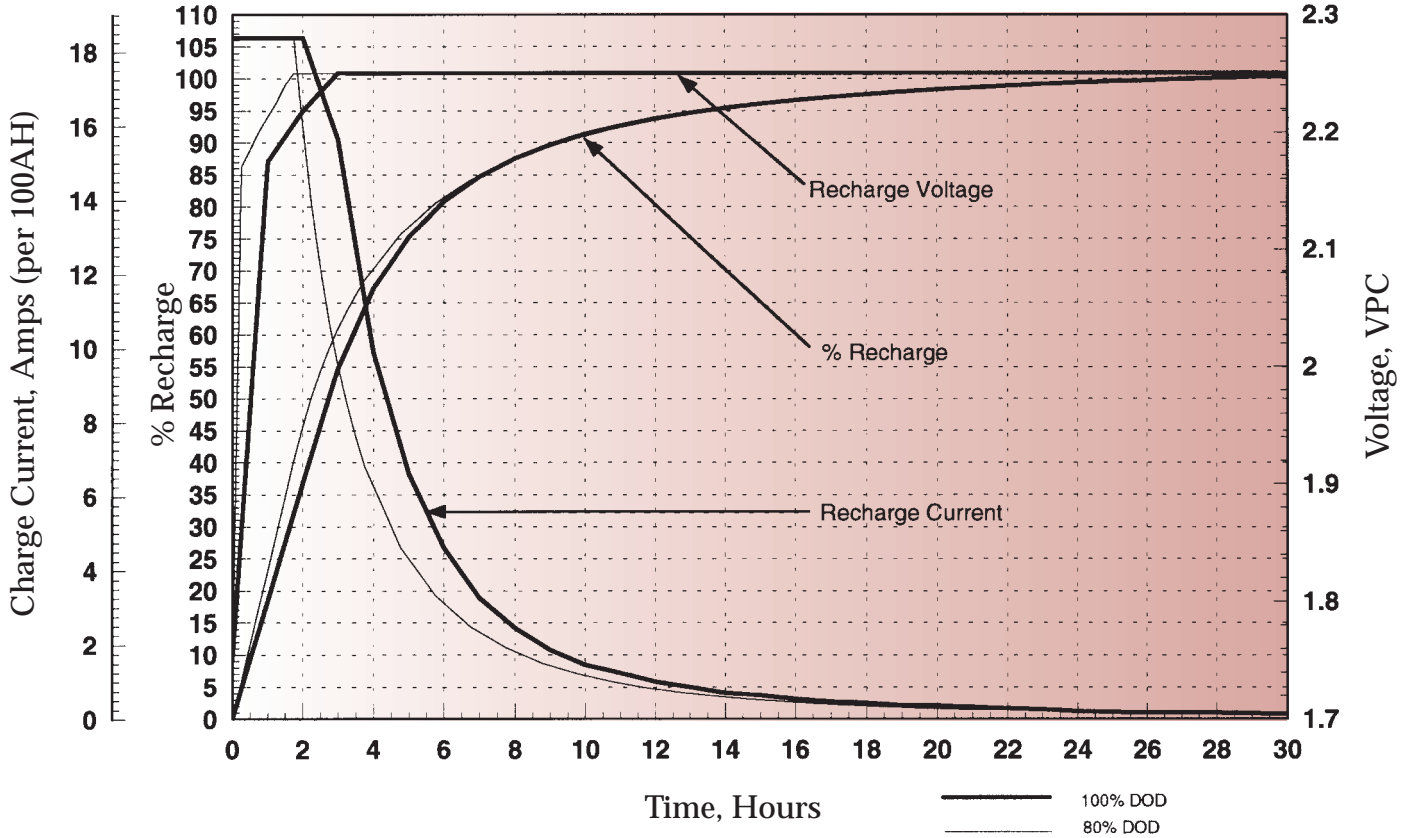
100A Series 1 to 10 Hours



ABSOLYTE[®] IIP

Absolyte IIP Recharge Characteristics @25°C (77°F)

50A/90A/100A Series 2.25 Volts Per Cell Float





ABSOLYTE[®] IIP

NOTES

ABSOLYTE® IIP

GLOBAL OPERATIONS

NORTH AMERICA

GNB Industrial Power
Chicago, Illinois U.S.A.
TEL: 1.630.629.5200
FAX: 1.630.629.2635

GNB Industrial Power
Maple, Ontario Canada
TEL: 1.905.669.9326
FAX: 1.905.669.7688

EUROPE

Exide Technologies
Büdingen, Germany
TEL: 49.6042.8170
FAX: 49.6042.81233

MIDDLE EAST/AFRICA

Exide Technologies
Abu Dhabi, U.A.E.
TEL: 971.2.226235
FAX: 971.2.227644

JAPAN

GNB Industrial Power Japan
Tokyo, Japan/Pacific Rim
TEL: 81.3.5325.6281
FAX: 81.3.5325.2063

AUSTRALIA/NEW ZEALAND

Exide Technologies
Padstow, N.S.W. Australia
TEL: 61.2.9722.5700
FAX: 61.2.9774.2966

SOUTH EAST ASIA

Exide Technologies S.E. Asia
Singapore
TEL: 65.546.2866
FAX: 65.546.2966

CHINA

Exide Technologies
Hong Kong, China
TEL: 852.3106.2668
FAX: 852.3106.0260

Exide Technologies
Beijing, China
TEL: 86.10.6510.2910
FAX: 86.10.6510.2912

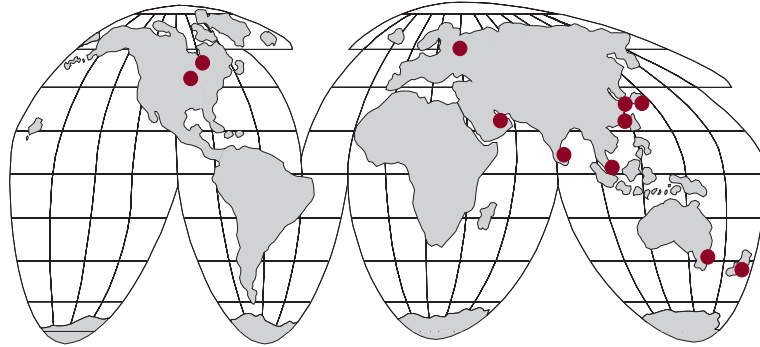
LATIN AMERICA

GNB Industrial Power
Chicago, Illinois U.S.A.
TEL: 1.630.629.5200
FAX: 1.630.629.2635

INDIA

GNB Industrial Power
Bangalore, India
TEL: 91.80.550.0581
FAX: 91.80.550.0582

Industry Leader in Network Power...



The Network Power Division of Exide Technologies is **the** global leader in stored electrical energy solutions for all major critical reserve power applications and needs. Such network power applications include communication/data networks, UPS systems for computers and control systems, and electrical power generation and distribution systems. With a strong manufacturing base in both North America and Europe and a truly global reach (operations in greater than 80 countries) in sales and service, the Network Power Division has all of the tools necessary to satisfy your power needs.

Global Brands...

ABSOLYTE®

MARATHON™



GNB Flooded
Classic



Based on over 100 years of technological innovation, the Network Power Division continues to lead the industry with such recognized global brands as Absolyte, Sonnenschein, Marathon, Sprinter, and Flooded Classic. These products and brands are synonymous with quality, reliability, performance and excellence in all markets served.

Total Battery Management...



In addition to being the leader in delivering premium products to the market, Exide Technologies takes pride in its commitment to the environment. As part of a complete approach to manufacturing, distributing, and recycling lead acid batteries, the Total Battery Management program has been developed to ensure a safe and responsible life cycle for all of our products.

www.gnb.com

GNB

INDUSTRIAL POWER

A Division of **EXIDE** Technologies

Absolyte® is a registered trademark of Exide Technologies

SECTION 26.10 REV 6/02

Printed on recycled paper.