

 **CONSTANT CURRENT**

| DISCHARGE RATES IN AMPERE AT 77°F (25°C) | | | | | | | | | | | |
|---|------------------------------------|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|
| TYPE | AMPERES TO F.V 1.85 VOLTS PER CELL | | | | | | | | | | |
| | 5 MIN | 10 MIN | 15 MIN | 20 MIN | 30 MIN | 45 MIN | 1 HR | 3 HR | 5 HR | 10 HR | 20 HR |
| MX-06012 | 4.514 | 2.729 | 1.920 | 1.555 | 1.157 | 0.832 | 0.684 | 0.285 | 0.200 | 0.109 | 0.059 |
| MX-06040 | 15.048 | 9.096 | 6.400 | 5.184 | 3.856 | 2.772 | 2.280 | 0.950 | 0.668 | 0.364 | 0.196 |
| MX-06070 | 22.572 | 13.644 | 9.600 | 7.776 | 5.784 | 4.158 | 3.420 | 1.426 | 1.002 | 0.546 | 0.294 |
| MX-06100 | 35.620 | 22.740 | 16.000 | 12.960 | 9.640 | 6.929 | 5.700 | 2.376 | 1.670 | 0.910 | 0.490 |
| MX-06120 | 45.144 | 27.288 | 19.200 | 15.552 | 11.568 | 8.315 | 6.840 | 2.851 | 2.004 | 1.092 | 0.588 |
| MX-12012 | 4.514 | 2.729 | 1.920 | 1.555 | 1.157 | 0.832 | 0.684 | 0.285 | 0.200 | 0.109 | 0.059 |
| MX-12040 | 15.048 | 9.096 | 6.400 | 5.184 | 3.856 | 2.772 | 2.280 | 0.950 | 0.668 | 0.364 | 0.796 |
| MX-12070 | 26.334 | 15.918 | 11.200 | 9.072 | 6.748 | 4.851 | 3.990 | 1.663 | 1.169 | 0.637 | 0.343 |
| MX-12120 | 45.144 | 27.288 | 19.200 | 15.552 | 11.568 | 8.315 | 6.480 | 2.851 | 2.004 | 1.092 | 0.588 |
| MX-12240 | 90.288 | 54.576 | 38.400 | 31.104 | 23.136 | 16.630 | 13.680 | 5.702 | 4.008 | 2.184 | 1.176 |
| MX-12310 | 116.622 | 70.494 | 49.600 | 40.176 | 29.884 | 21.481 | 17.670 | 7.366 | 5.177 | 2.821 | 1.1519 |
| MX-12400 | 154.560 | 92.640 | 65.760 | 55.440 | 39.680 | 28.834 | 23.920 | 10.164 | 7.080 | 3.960 | 2.060 |
| MX-12600 | 251.160 | 150.540 | 106.860 | 90.090 | 64.480 | 46.856 | 38.870 | 16.517 | 11.505 | 6.435 | 3.348 |
| MX-12700 | 270.480 | 162.120 | 115.080 | 97.020 | 69.440 | 50.460 | 541.860 | 17.787 | 12.390 | 6.930 | 3.605 |
| MX-121000 | 386.400 | 231.600 | 164.400 | 138.600 | 99.200 | 72.086 | 59.800 | 25.410 | 17.700 | 9.900 | 5.150 |
| MX-122000 | 772.800 | 463.200 | 328.800 | 277.200 | 198.400 | 144.172 | 119.600 | 50.820 | 35.400 | 19.800 | 10.300 |

| DISCHARGE RATES IN AMPERE AT 77°F (25°C) | | | | | | | | | | | |
|---|------------------------------------|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|
| TYPE | AMPERES TO F.V 1.80 VOLTS PER CELL | | | | | | | | | | |
| | 5 MIN | 10 MIN | 15 MIN | 20 MIN | 30 MIN | 45 MIN | 1 HR | 3 HR | 5 HR | 10 HR | 20 HR |
| MX-06012 | 4.605 | 2.779 | 1.949 | 1.577 | 1.178 | 0.841 | 0.697 | 0.289 | 0.202 | 0.110 | 0.059 |
| MX-06040 | 15.650 | 9.264 | 6.496 | 5.256 | 3.928 | 2.804 | 2.324 | 0.964 | 0.672 | 0.368 | 0.198 |
| MX-06070 | 23.026 | 13.896 | 9.744 | 7.884 | 5.892 | 4.205 | 3.486 | 1.445 | 1.008 | 0.552 | 0.297 |
| MX-06100 | 38.376 | 23.016 | 16.240 | 13.140 | 9.820 | 7.009 | 5.810 | 2.409 | 1.680 | 0.920 | 0.495 |
| MX-06120 | 46.051 | 27.792 | 19.488 | 15.768 | 11.784 | 8.411 | 6.972 | 2.891 | 2.061 | 1.104 | 0.594 |
| MX-12012 | 4.605 | 2.779 | 1.949 | 1.577 | 1.178 | 0.841 | 0.697 | 0.289 | 0.202 | 0.110 | 0.059 |
| MX-12040 | 15.350 | 9.264 | 6.496 | 5.256 | 3.928 | 2.804 | 2.324 | 0.964 | 0.672 | 0.368 | 0.198 |
| MX-12070 | 26.863 | 16.212 | 11.368 | 9.198 | 6.874 | 4.906 | 4.067 | 1.686 | 1.176 | 0.644 | 0.347 |
| MX-12120 | 46.051 | 27.792 | 19.488 | 15.768 | 11.784 | 8.411 | 6.972 | 2.891 | 2.016 | 1.104 | 0.594 |
| MX-12240 | 92.102 | 55.584 | 38.976 | 31.536 | 23.568 | 16.822 | 13.944 | 5.782 | 4.032 | 2.208 | 1.188 |
| MX-12310 | 118.966 | 71.796 | 50.344 | 40.734 | 30.442 | 21.728 | 18.011 | 7.468 | 5.208 | 2.852 | 1.535 |
| MX-12400 | 158.880 | 94.800 | 67.360 | 56.640 | 40.400 | 29.260 | 24.240 | 10.322 | 7.152 | 4.000 | 2.080 |
| MX-12600 | 258.180 | 154.050 | 109.460 | 92.040 | 65.650 | 47.548 | 39.390 | 16.774 | 11.622 | 6.500 | 3.380 |
| MX-12700 | 278.010 | 165.900 | 117.880 | 99.120 | 70.700 | 51.205 | 42.420 | 18.064 | 12.516 | 7.000 | 3.640 |
| MX-121000 | 397.200 | 237.000 | 168.400 | 141.600 | 101.000 | 73.150 | 60.600 | 25.806 | 17.880 | 10.000 | 5.200 |
| MX-122000 | 794.400 | 474.000 | 336.800 | 283.200 | 202.000 | 146.300 | 121.200 | 51.612 | 35.760 | 20.000 | 10.400 |

 **CONSTANT CURRENT**

| DISCHARGE RATES IN AMPERE AT 77°F (25°C) | | | | | | | | | | | |
|---|------------------------------------|---------|---------|---------|---------|--------|--------|--------|--------|--------|-------|
| TYPE | AMPERES TO F.V 1.75 VOLTS PER CELL | | | | | | | | | | |
| | 5 MIN | 10 MIN | 15 MIN | 20 MIN | 30 MIN | 45 MIN | 1 HR | 3 HR | 5 HR | 10 HR | 20 HR |
| MX-06012 | 4.650 | 2.815 | 1.973 | 1.606 | 1.202 | 0.847 | 0.704 | 0.291 | 0.203 | 0.111 | 0.060 |
| MX-06040 | 15.499 | 9.384 | 6.576 | 5.352 | 4.008 | 2.825 | 2.348 | 0.970 | 0.676 | 0.372 | 0.200 |
| MX-06070 | 23.249 | 14.076 | 9.864 | 8.028 | 6.012 | 4.237 | 3.522 | 1.455 | 1.014 | 0.555 | 0.300 |
| MX-06100 | 38.748 | 23.460 | 16.440 | 13.380 | 10.020 | 7.062 | 5.870 | 2.426 | 1.690 | 0.930 | 0.500 |
| MX-06120 | 46.498 | 28.152 | 19.728 | 16.056 | 12.024 | 8.475 | 7.044 | 2.911 | 2.028 | 1.110 | 0.600 |
| MX-12012 | 4.650 | 2.815 | 1.973 | 1.606 | 1.202 | 0.847 | 0.704 | 0.291 | 0.203 | 0.111 | 0.060 |
| MX-12040 | 15.499 | 9.384 | 6.576 | 5.352 | 4.008 | 2.825 | 2.348 | 0.970 | 0.676 | 0.372 | 0.200 |
| MX-12070 | 27.124 | 16.422 | 11.508 | 9.366 | 7.014 | 4.944 | 4.109 | 1.698 | 1.183 | 0.648 | 0.350 |
| MX-12120 | 46.498 | 28.152 | 19.728 | 16.056 | 12.024 | 8.475 | 7.044 | 2.911 | 2.028 | 1.110 | 0.600 |
| MX-12240 | 92.995 | 56.304 | 39.456 | 32.112 | 24.048 | 16.950 | 14.088 | 5.821 | 4.056 | 2.232 | 1.200 |
| MX-12310 | 120.119 | 72.726 | 50.964 | 41.478 | 31.062 | 21.893 | 18.197 | 7.519 | 5.239 | 2.883 | 1.550 |
| MX-12400 | 163.200 | 97.200 | 68.800 | 57.960 | 41.280 | 29.792 | 24.640 | 10.441 | 7.240 | 4.040 | 2.100 |
| MX-12600 | 265.200 | 157.950 | 111.800 | 94.185 | 67.080 | 48.412 | 40.040 | 16.967 | 11.765 | 6.565 | 3.413 |
| MX-12700 | 285.600 | 170.100 | 120.400 | 101.430 | 72.240 | 52.136 | 43.120 | 18.272 | 12.670 | 7.070 | 3.675 |
| MX-121000 | 408.000 | 243.000 | 172.000 | 144.900 | 103.200 | 74.480 | 61.600 | 26.103 | 18.100 | 10.100 | 5.250 |
| MX-122000 | 489.600 | 291.600 | 206.400 | 173.880 | 123.840 | 89.376 | 73.920 | 31.324 | 21.720 | 12.120 | 6.300 |

| DISCHARGE RATES IN AMPERE AT 77°F (25°C) | | | | | | | | | | | |
|---|------------------------------------|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|
| TYPE | AMPERES TO F.V 1.70 VOLTS PER CELL | | | | | | | | | | |
| | 5 MIN | 10 MIN | 15 MIN | 20 MIN | 30 MIN | 45 MIN | 1 HR | 3 HR | 5 HR | 10 HR | 20 HR |
| MX-06012 | 4.680 | 2.844 | 1.997 | 1.627 | 1.212 | 0.854 | 0.710 | 0.297 | 0.204 | 0.113 | 0.061 |
| MX-06040 | 15.600 | 9.480 | 6.656 | 5.424 | 4.040 | 2.846 | 2.368 | 0.989 | 0.680 | 0.376 | 0.202 |
| MX-06070 | 23.400 | 14.220 | 9.984 | 8.136 | 6.060 | 4.269 | 3.552 | 1.483 | 1.020 | 0.564 | 0.303 |
| MX-06100 | 39.000 | 23.700 | 16.640 | 13.560 | 10.100 | 7.116 | 5.920 | 2.472 | 1.700 | 0.940 | 0.505 |
| MX-06120 | 46.800 | 28.440 | 19.968 | 16.272 | 12.120 | 8.539 | 7.104 | 2.966 | 2.040 | 1.128 | 0.606 |
| MX-12012 | 4.680 | 2.844 | 1.997 | 1.627 | 1.212 | 0.854 | 0.710 | 0.297 | 0.204 | 0.113 | 0.061 |
| MX-12040 | 15.600 | 9.480 | 6.656 | 5.424 | 4.040 | 2.847 | 2.368 | 0.989 | 0.680 | 0.376 | 0.202 |
| MX-12070 | 27.300 | 16.590 | 11.648 | 9.492 | 7.070 | 4.981 | 4.144 | 1.730 | 1.190 | 0.658 | 0.354 |
| MX-12120 | 46.800 | 28.440 | 19.968 | 16.272 | 12.120 | 8.539 | 7.104 | 2.966 | 2.040 | 1.128 | 0.606 |
| MX-12240 | 93.600 | 56.880 | 39.936 | 32.544 | 24.240 | 17.077 | 14.208 | 5.932 | 4.080 | 2.256 | 1.212 |
| MX-12310 | 120.900 | 73.470 | 51.584 | 42.036 | 31.310 | 22.058 | 18.352 | 7.662 | 5.270 | 2.914 | 1.566 |
| MX-12400 | 168.000 | 98.400 | 70.240 | 59.160 | 41.840 | 30.324 | 25.000 | 10.560 | 7.320 | 4.080 | 2.120 |
| MX-12600 | 273.000 | 159.900 | 114.140 | 96.135 | 67.990 | 49.277 | 40.625 | 17.160 | 11.895 | 6.630 | 3.445 |
| MX-12700 | 294.000 | 172.200 | 122.920 | 103.530 | 73.220 | 53.067 | 43.750 | 18.480 | 12.810 | 7.140 | 3.710 |
| MX-121000 | 420.000 | 246.000 | 175.600 | 147.900 | 104.600 | 75.810 | 62.500 | 26.400 | 18.300 | 10.200 | 5.300 |
| MX-122000 | 840.000 | 492.000 | 351.200 | 295.800 | 209.200 | 151.620 | 125.000 | 52.800 | 36.600 | 20.400 | 10.600 |

➤ CONSTANT CURRENT

| DISCHARGE RATES IN AMPERE AT 77°F (25°C) | | | | | | | | | | | |
|---|---|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|
| TYPE | AMPERES TO F.V 1.75 VOLTS PER CELL | | | | | | | | | | |
| | 5 MIN | 10 MIN | 15 MIN | 20 MIN | 30 MIN | 45 MIN | 1 HR | 3 HR | 5 HR | 10 HR | 20 HR |
| MX-06012 | 4.736 | 2.909 | 2.040 | 1.671 | 1.236 | 0.867 | 0.720 | 0.301 | 0.206 | 0.115 | 0.062 |
| MX-06040 | 15.787 | 9.696 | 6.800 | 5.580 | 4.120 | 2.889 | 2.400 | 1.003 | 0.688 | 0.384 | 0.206 |
| MX-06070 | 23.681 | 14.544 | 10.200 | 8.370 | 6.180 | 4.333 | 3.600 | 1.505 | 1.032 | 0.576 | 0.309 |
| MX-06100 | 39.468 | 24.240 | 17.000 | 13.950 | 10.300 | 7.222 | 6.000 | 2.508 | 1.720 | 0.960 | 0.515 |
| MX-06120 | 47.362 | 29.088 | 20.400 | 16.740 | 12.360 | 8.666 | 7.200 | 3.010 | 2.064 | 1.152 | 0.618 |
| MX-12012 | 4.736 | 2.909 | 2.040 | 1.674 | 1.236 | 0.867 | 0.720 | 0.301 | 0.206 | 0.115 | 0.062 |
| MX-12040 | 15.787 | 9.696 | 6.800 | 5.580 | 4.120 | 2.889 | 2.400 | 1.003 | 0.688 | 0.384 | 0.206 |
| MX-12070 | 27.628 | 16.968 | 11.900 | 9.765 | 7.210 | 5.055 | 4.200 | 1.756 | 1.204 | 0.672 | 0.361 |
| MX-12120 | 47.362 | 29.088 | 20.400 | 16.740 | 12.360 | 8.666 | 7.200 | 3.010 | 2.064 | 1.152 | 0.618 |
| MX-12240 | 94.723 | 58.176 | 40.800 | 33.80 | 24.720 | 17.333 | 14.400 | 6.019 | 4.128 | 2.304 | 1.236 |
| MX-12310 | 122.351 | 75.144 | 52.700 | 43.245 | 31.930 | 22.388 | 18.600 | 7.775 | 5.332 | 2.976 | 1.597 |
| MX-12400 | 175.200 | 100.800 | 72.160 | 61.440 | 43.200 | 31.122 | 25.600 | 10.824 | 7.416 | 4.160 | 2.160 |
| MX-12600 | 284.700 | 163.800 | 117.260 | 99.840 | 70.200 | 50.573 | 41.600 | 17.589 | 12.051 | 6.760 | 3.510 |
| MX-12700 | 306.600 | 176.400 | 126.280 | 107.520 | 75.600 | 54.464 | 44.800 | 18.942 | 12.978 | 7.280 | 3.780 |
| MX-121000 | 438.000 | 252.000 | 180.400 | 153.600 | 108.000 | 77.805 | 64.000 | 27.060 | 18.540 | 10.400 | 5.400 |
| MX-122000 | 876.000 | 504.000 | 360.800 | 307.200 | 216.000 | 155.610 | 128.000 | 54.120 | 37.080 | 20.800 | 10.800 |