

# Performance Table @ 25°C (77°F)

## NSB 90 Silver



### Current / A

| Duration |       | End of Discharge Voltage |       |       |       |       |       |       |       |       |
|----------|-------|--------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Mins     | Hours | 1.85                     | 1.80  | 1.75  | 1.70  | 1.67  | 1.65  | 1.60  | 1.55  | 1.50  |
| 2        | 0.03  | 391.6                    | 459.0 | 525.2 | 586.8 | 620.0 | 640.1 | 681.8 | 709.0 | 719.9 |
| 5        | 0.08  | 284.7                    | 324.8 | 362.9 | 397.0 | 414.8 | 425.3 | 446.1 | 458.2 | 460.8 |
| 10       | 0.17  | 204.7                    | 228.8 | 251.1 | 270.5 | 280.4 | 286.1 | 297.2 | 303.0 | 303.4 |
| 15       | 0.25  | 163.5                    | 180.6 | 196.1 | 209.5 | 216.3 | 220.1 | 227.4 | 231.1 | 231.1 |
| 20       | 0.33  | 137.5                    | 150.7 | 162.5 | 172.6 | 177.6 | 180.5 | 185.9 | 188.5 | 188.5 |
| 30       | 0.50  | 105.9                    | 114.7 | 122.6 | 129.2 | 132.5 | 134.3 | 137.7 | 139.2 | 139.2 |
| 45       | 0.75  | 80.0                     | 85.7  | 90.8  | 95.0  | 97.1  | 98.2  | 100.3 | 101.2 | 101.2 |
| 60       | 1     | 64.8                     | 69.0  | 72.7  | 75.7  | 77.1  | 77.9  | 79.4  | 80.0  | 80.0  |
| 120      | 2     | 37.8                     | 39.7  | 41.2  | 42.5  | 43.1  | 43.4  | 44.0  | 44.3  | 44.3  |
| 180      | 3     | 27.1                     | 28.2  | 29.1  | 29.8  | 30.2  | 30.4  | 30.7  | 30.9  | 30.9  |
| 240      | 4     | 21.2                     | 21.9  | 22.6  | 23.1  | 23.3  | 23.5  | 23.7  | 23.8  | 23.8  |
| 300      | 5     | 17.4                     | 18.0  | 18.5  | 18.9  | 19.0  | 19.1  | 19.3  | 19.4  | 19.4  |
| 480      | 8     | 11.5                     | 11.8  | 12.0  | 12.2  | 12.3  | 12.4  | 12.5  | 12.5  | 12.5  |
| 600      | 10    | 9.4                      | 9.6   | 9.8   | 9.9   | 10.0  | 10.1  | 10.1  | 10.2  | 10.2  |
| 1200     | 20    | 4.9                      | 5.0   | 5.1   | 5.2   | 5.2   | 5.2   | 5.3   | 5.3   | 5.3   |

### Capacity / Ah

| Duration |       | End of Discharge Voltage |       |       |       |       |       |       |       |       |
|----------|-------|--------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Mins     | Hours | 1.85                     | 1.80  | 1.75  | 1.70  | 1.67  | 1.65  | 1.60  | 1.55  | 1.50  |
| 2        | 0.03  | 13.1                     | 15.3  | 17.5  | 19.6  | 20.7  | 21.3  | 22.7  | 23.6  | 24.0  |
| 5        | 0.08  | 23.7                     | 27.1  | 30.2  | 33.1  | 34.6  | 35.4  | 37.2  | 38.2  | 38.4  |
| 10       | 0.17  | 34.1                     | 38.1  | 41.8  | 45.1  | 46.7  | 47.7  | 49.5  | 50.5  | 50.6  |
| 15       | 0.25  | 40.9                     | 45.1  | 49.0  | 52.4  | 54.1  | 55.0  | 56.9  | 57.8  | 57.8  |
| 20       | 0.33  | 45.8                     | 50.2  | 54.2  | 57.5  | 59.2  | 60.2  | 62.0  | 62.8  | 62.8  |
| 30       | 0.50  | 52.9                     | 57.4  | 61.3  | 64.6  | 66.2  | 67.1  | 68.8  | 69.6  | 69.6  |
| 45       | 0.75  | 60.0                     | 64.3  | 68.1  | 71.3  | 72.8  | 73.7  | 75.2  | 75.9  | 75.9  |
| 60       | 1     | 64.8                     | 69.0  | 72.7  | 75.7  | 77.1  | 77.9  | 79.4  | 80.0  | 80.0  |
| 120      | 2     | 75.6                     | 79.3  | 82.4  | 85.0  | 86.2  | 86.9  | 88.1  | 88.5  | 88.5  |
| 180      | 3     | 81.2                     | 84.5  | 87.3  | 89.5  | 90.6  | 91.2  | 92.2  | 92.6  | 92.6  |
| 240      | 4     | 84.7                     | 87.7  | 90.3  | 92.3  | 93.3  | 93.8  | 94.8  | 95.2  | 95.2  |
| 300      | 5     | 87.2                     | 90.0  | 92.4  | 94.3  | 95.2  | 95.7  | 96.6  | 96.9  | 96.9  |
| 480      | 8     | 91.7                     | 94.2  | 96.2  | 97.9  | 98.7  | 99.1  | 99.9  | 100.2 | 100.2 |
| 600      | 10    | 93.5                     | 95.9  | 97.8  | 99.4  | 100.2 | 100.6 | 101.3 | 101.7 | 101.7 |
| 1200     | 20    | 98.0                     | 100.2 | 102.1 | 103.6 | 104.3 | 104.7 | 105.4 | 105.8 | 105.8 |

### Power / W per cell

| Duration |       | End of Discharge Voltage |       |       |        |        |        |        |        |        |
|----------|-------|--------------------------|-------|-------|--------|--------|--------|--------|--------|--------|
| Mins     | Hours | 1.85                     | 1.80  | 1.75  | 1.70   | 1.67   | 1.65   | 1.60   | 1.55   | 1.50   |
| 2        | 0.03  | 715.7                    | 829.7 | 939.3 | 1038.3 | 1090.1 | 1120.7 | 1181.3 | 1215.9 | 1222.0 |
| 5        | 0.08  | 535.1                    | 601.7 | 663.6 | 718.0  | 745.8  | 761.9  | 793.1  | 809.7  | 810.8  |
| 10       | 0.17  | 391.2                    | 430.8 | 466.7 | 497.6  | 513.1  | 522.0  | 538.9  | 547.5  | 547.5  |
| 15       | 0.25  | 315.0                    | 342.9 | 368.0 | 389.2  | 399.8  | 405.9  | 417.2  | 422.8  | 422.8  |
| 20       | 0.33  | 266.4                    | 287.8 | 306.8 | 322.9  | 330.8  | 335.3  | 343.7  | 347.7  | 347.7  |
| 30       | 0.50  | 206.5                    | 220.8 | 233.4 | 244.0  | 249.1  | 252.1  | 257.4  | 259.9  | 259.9  |
| 45       | 0.75  | 156.9                    | 166.2 | 174.4 | 181.1  | 184.4  | 186.2  | 189.5  | 191.0  | 191.0  |
| 60       | 1     | 127.6                    | 134.4 | 140.3 | 145.1  | 147.4  | 148.8  | 151.1  | 152.1  | 152.1  |
| 120      | 2     | 75.0                     | 78.0  | 80.6  | 82.6   | 83.6   | 84.2   | 85.1   | 85.5   | 85.5   |
| 180      | 3     | 53.8                     | 55.7  | 57.2  | 58.4   | 59.0   | 59.4   | 59.9   | 60.2   | 60.2   |
| 240      | 4     | 42.2                     | 43.5  | 44.6  | 45.4   | 45.8   | 46.0   | 46.4   | 46.6   | 46.6   |
| 300      | 5     | 34.8                     | 35.8  | 36.6  | 37.2   | 37.5   | 37.7   | 38.0   | 38.1   | 38.1   |
| 480      | 8     | 23.0                     | 23.5  | 24.0  | 24.3   | 24.5   | 24.6   | 24.7   | 24.8   | 24.8   |
| 600      | 10    | 18.8                     | 19.2  | 19.5  | 19.8   | 19.9   | 20.0   | 20.1   | 20.2   | 20.2   |
| 1200     | 20    | 9.9                      | 10.1  | 10.2  | 10.4   | 10.4   | 10.5   | 10.5   | 10.6   | 10.6   |