

Northstar 100FT Blue+ Battery®



Discharge Tables - 25°C (77°F)

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 | 359.1 | 428.8 | 499.6 | 568.1 | 606.5 | 630.4 | 682.8 | 721.7 | 744.4 |
| 5 | 0.08 | 284.3 | 322.1 | 358.9 | 393.1 | 411.7 | 423.2 | 447.9 | 466.1 | 476.8 |
| 10 | 0.17 | 214.2 | 234.6 | 253.7 | 271.0 | 280.2 | 285.8 | 297.8 | 306.5 | 311.5 |
| 15 | 0.25 | 174.7 | 187.9 | 200.1 | 210.9 | 216.7 | 220.2 | 227.5 | 232.7 | 235.6 |
| 20 | 0.33 | 148.7 | 158.2 | 166.7 | 174.3 | 178.2 | 180.6 | 185.6 | 189.1 | 191.0 |
| 30 | 0.50 | 116.0 | 121.6 | 126.6 | 130.9 | 133.1 | 134.5 | 137.2 | 139.1 | 140.1 |
| 45 | 0.75 | 88.4 | 91.5 | 94.2 | 96.5 | 97.7 | 98.4 | 99.8 | 100.8 | 101.2 |
| 60 | 1 | 71.9 | 73.9 | 75.6 | 77.0 | 77.7 | 78.2 | 79.0 | 79.5 | 79.7 |
| 120 | 2 | 41.9 | 42.5 | 43.0 | 43.4 | 43.6 | 43.7 | 43.9 | 44.0 | 44.0 |
| 180 | 3 | 29.8 | 30.1 | 30.3 | 30.5 | 30.6 | 30.7 | 30.7 | 30.8 | 30.7 |
| 240 | 4 | 23.2 | 23.4 | 23.5 | 23.7 | 23.7 | 23.7 | 23.8 | 23.8 | 23.8 |
| 300 | 5 | 19.0 | 19.1 | 19.3 | 19.4 | 19.4 | 19.4 | 19.5 | 19.5 | 19.5 |
| 480 | 8 | 12.3 | 12.4 | 12.5 | 12.6 | 12.6 | 12.7 | 12.7 | 12.8 | 12.8 |
| 600 | 10 | 9.9 | 10.0 | 10.2 | 10.3 | 10.3 | 10.3 | 10.4 | 10.4 | 10.4 |
| 1200 | 20 | 5.0 | 5.1 | 5.3 | 5.4 | 5.4 | 5.5 | 5.6 | 5.6 | 5.7 |

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 | 12.0 | 14.3 | 16.7 | 18.9 | 20.2 | 21.0 | 22.8 | 24.1 | 24.8 |
| 5 | 0.08 | 23.7 | 26.8 | 29.9 | 32.8 | 34.3 | 35.3 | 37.3 | 38.8 | 39.7 |
| 10 | 0.17 | 35.7 | 39.1 | 42.3 | 45.2 | 46.7 | 47.6 | 49.6 | 51.1 | 51.9 |
| 15 | 0.25 | 43.7 | 47.0 | 50.0 | 52.7 | 54.2 | 55.0 | 56.9 | 58.2 | 58.9 |
| 20 | 0.33 | 49.6 | 52.7 | 55.6 | 58.1 | 59.4 | 60.2 | 61.9 | 63.0 | 63.7 |
| 30 | 0.50 | 58.0 | 60.8 | 63.3 | 65.5 | 66.6 | 67.2 | 68.6 | 69.6 | 70.0 |
| 45 | 0.75 | 66.3 | 68.6 | 70.7 | 72.4 | 73.3 | 73.8 | 74.9 | 75.6 | 75.9 |
| 60 | 1 | 71.9 | 73.9 | 75.6 | 77.0 | 77.7 | 78.2 | 79.0 | 79.5 | 79.7 |
| 120 | 2 | 83.8 | 85.0 | 86.0 | 86.8 | 87.2 | 87.4 | 87.8 | 87.9 | 87.9 |
| 180 | 3 | 89.5 | 90.3 | 91.0 | 91.6 | 91.8 | 92.0 | 92.2 | 92.3 | 92.3 |
| 240 | 4 | 92.7 | 93.5 | 94.1 | 94.6 | 94.8 | 94.9 | 95.1 | 95.2 | 95.2 |
| 300 | 5 | 94.8 | 95.6 | 96.3 | 96.8 | 97.0 | 97.1 | 97.3 | 97.4 | 97.4 |
| 480 | 8 | 98.1 | 99.1 | 100.0 | 100.8 | 101.2 | 101.4 | 101.8 | 102.0 | 102.1 |
| 600 | 10 | 99.0 | 100.4 | 101.5 | 102.5 | 103.0 | 103.3 | 103.9 | 104.3 | 104.5 |
| 1200 | 20 | 99.9 | 102.8 | 105.3 | 107.6 | 108.8 | 109.5 | 111.1 | 112.3 | 113.2 |

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 | 740.7 | 823.8 | 904.2 | 979.4 | 1020.9 | 1046.8 | 1104.1 | 1149.3 | 1180.6 |
| 5 | 0.08 | 561.2 | 611.8 | 659.7 | 703.6 | 727.5 | 742.2 | 774.5 | 799.4 | 816.2 |
| 10 | 0.17 | 414.0 | 443.5 | 470.8 | 495.4 | 508.5 | 516.6 | 533.9 | 546.8 | 555.1 |
| 15 | 0.25 | 334.6 | 354.7 | 373.1 | 389.4 | 398.0 | 403.3 | 414.4 | 422.5 | 427.4 |
| 20 | 0.33 | 283.5 | 298.4 | 311.8 | 323.6 | 329.8 | 333.5 | 341.3 | 346.8 | 350.0 |
| 30 | 0.50 | 220.1 | 229.3 | 237.6 | 244.7 | 248.3 | 250.5 | 254.9 | 258.0 | 259.5 |
| 45 | 0.75 | 167.1 | 172.6 | 177.3 | 181.3 | 183.3 | 184.5 | 186.9 | 188.4 | 188.9 |
| 60 | 1 | 135.8 | 139.4 | 142.5 | 145.0 | 146.3 | 147.0 | 148.4 | 149.2 | 149.4 |
| 120 | 2 | 79.1 | 80.2 | 81.2 | 82.0 | 82.3 | 82.5 | 82.8 | 82.9 | 82.9 |
| 180 | 3 | 56.3 | 56.8 | 57.3 | 57.7 | 57.8 | 57.9 | 58.0 | 58.0 | 58.0 |
| 240 | 4 | 43.8 | 44.1 | 44.4 | 44.6 | 44.7 | 44.8 | 44.8 | 44.8 | 44.8 |
| 300 | 5 | 35.8 | 36.1 | 36.3 | 36.5 | 36.6 | 36.6 | 36.6 | 36.6 | 36.6 |
| 480 | 8 | 23.2 | 23.4 | 23.5 | 23.7 | 23.8 | 23.8 | 23.9 | 23.9 | 23.9 |
| 600 | 10 | 18.7 | 18.9 | 19.1 | 19.2 | 19.3 | 19.4 | 19.4 | 19.5 | 19.5 |
| 1200 | 20 | 9.4 | 9.6 | 9.8 | 10.0 | 10.1 | 10.2 | 10.3 | 10.4 | 10.5 |