



PERFORMANCE DATA OPzS Perfect

Constant current discharge (in A) @ +20°C to the end-of-discharge voltage

Ue=1.67 V/cell

| No | Cell type | Discharge time | | | | | | | | | | |
|----|--------------|----------------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| | | 15' | 30' | 1h | 2h | 3h | 4h | 5h | 6h | 8h | 10h | 24h |
| 1 | 2 OPzS 100 | 122.5 | 91.3 | 59.7 | 38.0 | 29.0 | 23.8 | 20.1 | 17.6 | 14.0 | 12.0 | 5.9 |
| 2 | 3 OPzS 150 | 183.8 | 137.0 | 89.6 | 57.0 | 43.5 | 35.8 | 30.1 | 26.4 | 21.0 | 18.0 | 8.9 |
| 3 | 4 OPzS 200 | 245.0 | 182.7 | 119.5 | 76.1 | 58.0 | 47.7 | 40.1 | 35.2 | 28.0 | 24.0 | 11.9 |
| 4 | 5 OPzS 250 | 304.0 | 225.7 | 148.3 | 93.9 | 71.7 | 58.8 | 49.5 | 43.5 | 34.5 | 29.6 | 14.8 |
| 5 | 6 OPzS 300 | 365.9 | 272.0 | 178.2 | 112.7 | 86.2 | 70.9 | 59.7 | 52.5 | 41.6 | 35.7 | 17.8 |
| 6 | 5 OPzS 350 | 389.6 | 309.9 | 218.1 | 144.9 | 111.8 | 91.3 | 77.3 | 67.4 | 54.5 | 46.1 | 23.5 |
| 7 | 6 OPzS 420 | 468.8 | 373.3 | 262.9 | 175.0 | 133.8 | 109.8 | 93.1 | 81.1 | 65.5 | 55.4 | 28.2 |
| 8 | 7 OPzS 490 | 547.1 | 435.8 | 306.7 | 204.0 | 156.9 | 128.3 | 108.7 | 94.8 | 76.6 | 64.8 | 32.9 |
| 9 | 6 OPzS 600 | 556.2 | 477.2 | 355.4 | 239.9 | 184.5 | 151.9 | 126.9 | 111.7 | 88.5 | 76.0 | 38.9 |
| 10 | 8 OPzS 800 | 737.8 | 632.8 | 472.9 | 318.6 | 245.1 | 201.9 | 168.4 | 147.8 | 116.5 | 100.9 | 51.8 |
| 11 | 10 OPzS 1000 | 922.7 | 791.9 | 590.3 | 398.7 | 306.8 | 252.7 | 210.5 | 185.7 | 145.7 | 126.3 | 64.5 |
| 12 | 12 OPzS 1200 | 1107.5 | 950.1 | 708.8 | 478.7 | 367.4 | 281.9 | 252.7 | 222.4 | 174.9 | 151.2 | 77.4 |
| 13 | 12 OPzS 1500 | 1199.0 | 1020.7 | 787.2 | 559.4 | 435.6 | 357.1 | 304.7 | 267.4 | 216.1 | 179.9 | 88.5 |
| 14 | 16 OPzS 2000 | 1595.9 | 1368.3 | 1049.9 | 747.3 | 580.8 | 476.8 | 406.2 | 356.7 | 289.1 | 240.8 | 119.7 |
| 15 | 20 OPzS 2500 | 2001.1 | 1714.2 | 1312.6 | 935.4 | 727.4 | 597.1 | 508.2 | 446.6 | 361.9 | 301.4 | 149.3 |
| 16 | 24 OPzS 3000 | 2401.3 | 2054.8 | 1572.4 | 1118.3 | 871.3 | 715.0 | 609.2 | 535.6 | 432.8 | 361.4 | 178.6 |

Ue=1.70 V/cell

| No | Cell type | Discharge time | | | | | | | | | | |
|----|--------------|----------------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| | | 15' | 30' | 1h | 2h | 3h | 4h | 5h | 6h | 8h | 10h | 24h |
| 1 | 2 OPzS 100 | 116.9 | 85.1 | 55.7 | 35.6 | 27.2 | 22.3 | 18.8 | 16.5 | 13.1 | 11.2 | 5.6 |
| 2 | 3 OPzS 150 | 175.4 | 127.6 | 83.6 | 53.4 | 40.7 | 33.5 | 28.2 | 24.8 | 19.7 | 16.8 | 8.3 |
| 3 | 4 OPzS 200 | 233.9 | 170.2 | 111.5 | 71.2 | 54.3 | 44.7 | 37.6 | 33.0 | 26.2 | 22.5 | 11.1 |
| 4 | 5 OPzS 250 | 292.6 | 213.0 | 140.3 | 89.0 | 67.9 | 55.8 | 46.9 | 41.3 | 32.7 | 28.0 | 14.0 |
| 5 | 6 OPzS 300 | 351.3 | 255.7 | 168.2 | 106.5 | 81.5 | 67.0 | 56.4 | 49.6 | 39.3 | 33.7 | 16.8 |
| 6 | 5 OPzS 350 | 346.4 | 261.7 | 190.1 | 126.4 | 97.5 | 79.6 | 67.4 | 58.8 | 47.5 | 40.2 | 20.5 |
| 7 | 6 OPzS 420 | 416.0 | 314.5 | 227.9 | 152.2 | 116.4 | 95.5 | 80.9 | 70.6 | 57.0 | 48.2 | 24.5 |
| 8 | 7 OPzS 490 | 484.7 | 366.2 | 265.7 | 177.1 | 136.3 | 111.4 | 94.4 | 82.3 | 66.5 | 56.3 | 28.6 |
| 9 | 6 OPzS 600 | 507.6 | 424.9 | 325.4 | 219.9 | 169.1 | 139.2 | 116.3 | 102.4 | 81.1 | 69.7 | 35.7 |
| 10 | 8 OPzS 800 | 676.8 | 567.2 | 434.9 | 293.5 | 225.8 | 186.0 | 155.1 | 136.2 | 107.3 | 92.9 | 47.7 |
| 11 | 10 OPzS 1000 | 846.0 | 709.5 | 543.3 | 367.1 | 282.5 | 232.7 | 193.9 | 171.0 | 134.2 | 116.3 | 59.4 |
| 12 | 12 OPzS 1200 | 1015.2 | 850.8 | 651.8 | 440.7 | 338.2 | 259.6 | 232.7 | 204.8 | 161.0 | 139.2 | 71.3 |
| 13 | 12 OPzS 1500 | 1184.4 | 1005.1 | 778.2 | 553.2 | 430.7 | 353.0 | 301.3 | 264.4 | 213.7 | 177.9 | 87.5 |
| 14 | 16 OPzS 2000 | 1572.6 | 1343.4 | 1034.9 | 737.2 | 572.9 | 470.4 | 400.7 | 351.9 | 285.2 | 237.6 | 118.1 |
| 15 | 20 OPzS 2500 | 1970.7 | 1681.7 | 1293.6 | 922.3 | 717.2 | 588.7 | 501.1 | 440.4 | 356.8 | 297.2 | 147.2 |
| 16 | 24 OPzS 3000 | 2368.8 | 2020.1 | 1552.4 | 1104.3 | 860.4 | 706.1 | 601.6 | 528.9 | 427.4 | 356.8 | 176.4 |



PERFORMANCE DATA OPzS Perfect

Constant current discharge (in A) @ +20°C to the end-of-discharge voltage

Ue=1.75 V/cell

| No | Cell type | Discharge time | | | | | | | | | | |
|----|--------------|----------------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| | | 15' | 30' | 1h | 2h | 3h | 4h | 5h | 6h | 8h | 10h | 24h |
| 1 | 2 OPzS 100 | 105.0 | 77.6 | 52.7 | 34.3 | 26.3 | 21.8 | 18.3 | 16.2 | 13.1 | 11.0 | 5.5 |
| 2 | 3 OPzS 150 | 157.5 | 116.4 | 79.1 | 51.5 | 39.5 | 32.7 | 27.5 | 24.3 | 19.7 | 16.6 | 8.2 |
| 3 | 4 OPzS 200 | 210.0 | 155.2 | 105.5 | 68.6 | 52.6 | 43.6 | 36.7 | 32.4 | 26.2 | 22.1 | 10.9 |
| 4 | 5 OPzS 250 | 262.8 | 194.0 | 132.3 | 85.9 | 65.6 | 54.4 | 45.9 | 40.5 | 32.1 | 27.5 | 13.7 |
| 5 | 6 OPzS 300 | 315.5 | 232.9 | 158.2 | 103.5 | 78.6 | 65.3 | 55.1 | 48.5 | 38.6 | 33.1 | 16.5 |
| 6 | 5 OPzS 350 | 296.6 | 237.8 | 180.1 | 123.4 | 95.3 | 78.4 | 66.6 | 58.0 | 46.8 | 39.7 | 20.2 |
| 7 | 6 OPzS 420 | 355.3 | 285.6 | 215.9 | 148.2 | 114.4 | 94.1 | 79.9 | 69.6 | 56.3 | 47.5 | 24.1 |
| 8 | 7 OPzS 490 | 415.0 | 333.4 | 251.8 | 173.1 | 133.3 | 109.4 | 93.3 | 81.1 | 65.6 | 55.5 | 28.2 |
| 9 | 6 OPzS 600 | 440.9 | 380.1 | 302.5 | 210.9 | 164.1 | 136.2 | 113.4 | 99.4 | 78.2 | 67.3 | 35.1 |
| 10 | 8 OPzS 800 | 588.2 | 506.5 | 403.0 | 281.6 | 219.8 | 182.0 | 151.1 | 132.2 | 103.4 | 89.7 | 46.8 |
| 11 | 10 OPzS 1000 | 734.5 | 633.9 | 504.5 | 352.2 | 274.5 | 226.7 | 188.9 | 166.0 | 129.2 | 112.3 | 58.3 |
| 12 | 12 OPzS 1200 | 881.8 | 760.3 | 605.0 | 421.8 | 329.2 | 272.5 | 226.7 | 198.8 | 156.0 | 134.2 | 70.0 |
| 13 | 12 OPzS 1500 | 987.3 | 863.7 | 701.5 | 518.3 | 411.8 | 342.1 | 291.3 | 257.5 | 208.7 | 174.0 | 85.2 |
| 14 | 16 OPzS 2000 | 1315.8 | 1152.3 | 935.4 | 691.5 | 549.1 | 455.5 | 388.8 | 344.0 | 278.3 | 231.6 | 115.1 |
| 15 | 20 OPzS 2500 | 1645.2 | 1439.9 | 1169.2 | 864.6 | 689.3 | 571.8 | 486.2 | 429.5 | 347.9 | 290.2 | 143.2 |
| 16 | 24 OPzS 3000 | 1973.7 | 1728.5 | 1402.1 | 1034.7 | 824.6 | 684.2 | 583.7 | 514.9 | 427.4 | 347.9 | 172.4 |

Ue=1.80 V/cell

| No | Cell type | Discharge time | | | | | | | | | | |
|----|--------------|----------------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 15' | 30' | 1h | 2h | 3h | 4h | 5h | 6h | 8h | 10h | 24h |
| 1 | 2 OPzS 100 | 87.1 | 67.7 | 48.3 | 32.2 | 25.1 | 20.9 | 17.7 | 15.7 | 12.5 | 10.7 | 5.3 |
| 2 | 3 OPzS 150 | 130.6 | 101.5 | 72.4 | 48.4 | 37.6 | 31.3 | 26.5 | 23.6 | 18.8 | 16.1 | 8.0 |
| 3 | 4 OPzS 200 | 174.2 | 135.3 | 96.5 | 64.5 | 50.1 | 41.8 | 35.4 | 31.4 | 25.0 | 21.5 | 10.6 |
| 4 | 5 OPzS 250 | 218.0 | 169.2 | 120.4 | 80.6 | 62.7 | 52.2 | 44.2 | 39.3 | 31.3 | 26.8 | 13.3 |
| 5 | 6 OPzS 300 | 261.8 | 203.0 | 145.3 | 96.7 | 75.2 | 62.7 | 53.1 | 47.1 | 37.6 | 32.2 | 15.9 |
| 6 | 5 OPzS 350 | 248.8 | 208.0 | 161.2 | 115.4 | 91.6 | 75.9 | 64.9 | 56.8 | 45.9 | 38.8 | 19.8 |
| 7 | 6 OPzS 420 | 298.6 | 249.8 | 193.0 | 138.3 | 110.4 | 91.0 | 77.9 | 68.2 | 55.2 | 46.5 | 23.6 |
| 8 | 7 OPzS 490 | 348.4 | 291.6 | 225.9 | 161.2 | 128.3 | 105.4 | 90.9 | 79.5 | 64.3 | 54.3 | 27.6 |
| 9 | 6 OPzS 600 | 364.3 | 319.4 | 262.7 | 194.0 | 155.2 | 129.3 | 109.4 | 96.9 | 77.5 | 65.6 | 34.5 |
| 10 | 8 OPzS 800 | 485.7 | 425.9 | 350.3 | 258.7 | 206.9 | 173.0 | 146.2 | 129.2 | 103.4 | 87.5 | 46.0 |
| 11 | 10 OPzS 1000 | 607.1 | 532.4 | 437.8 | 323.3 | 258.6 | 215.8 | 183.0 | 161.0 | 129.2 | 109.3 | 57.3 |
| 12 | 12 OPzS 1200 | 728.6 | 638.9 | 525.4 | 388.0 | 310.3 | 258.6 | 218.7 | 193.8 | 155.0 | 131.2 | 68.8 |
| 13 | 12 OPzS 1500 | 811.2 | 737.4 | 620.9 | 476.6 | 384.9 | 322.2 | 277.4 | 245.5 | 198.8 | 167.0 | 81.7 |
| 14 | 16 OPzS 2000 | 1081.9 | 983.2 | 827.9 | 635.7 | 513.3 | 429.6 | 369.9 | 327.1 | 265.4 | 222.7 | 110.1 |
| 15 | 20 OPzS 2500 | 1351.6 | 1228.9 | 1034.9 | 793.9 | 641.6 | 538.0 | 463.3 | 409.6 | 332.0 | 278.3 | 136.2 |
| 16 | 24 OPzS 3000 | 1622.3 | 1473.7 | 1241.9 | 953.1 | 769.9 | 645.4 | 555.8 | 491.1 | 398.6 | 334.0 | 164.4 |



PERFORMANCE DATA OPzS Perfect

Constant current discharge (in A) @ +20°C to the end-of-discharge voltage

Ue=1.83 V/cell

| No | Cell type | Discharge time | | | | | | | | | | |
|----|--------------|----------------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 15' | 30' | 1h | 2h | 3h | 4h | 5h | 6h | 8h | 10h | 24h |
| 1 | 2 OPzS 100 | 74.1 | 59.2 | 43.8 | 30.3 | 23.8 | 19.9 | 17.0 | 15.1 | 12.1 | 10.5 | 5.2 |
| 2 | 3 OPzS 150 | 111.2 | 88.8 | 65.7 | 45.5 | 35.7 | 29.9 | 25.5 | 22.7 | 18.2 | 15.7 | 7.8 |
| 3 | 4 OPzS 200 | 148.3 | 118.4 | 87.6 | 60.7 | 47.6 | 39.9 | 34.0 | 30.2 | 24.3 | 21.0 | 10.3 |
| 4 | 5 OPzS 250 | 185.1 | 148.3 | 109.5 | 75.9 | 59.5 | 49.8 | 42.5 | 37.8 | 30.3 | 26.1 | 13.0 |
| 5 | 6 OPzS 300 | 222.9 | 178.1 | 131.4 | 91.5 | 71.4 | 59.8 | 50.9 | 45.3 | 36.4 | 31.4 | 15.6 |
| 6 | 5 OPzS 350 | 218.0 | 185.1 | 148.3 | 108.4 | 87.5 | 72.8 | 62.7 | 55.0 | 44.4 | 37.4 | 19.1 |
| 7 | 6 OPzS 420 | 261.8 | 221.9 | 178.1 | 130.3 | 105.4 | 87.4 | 75.3 | 66.0 | 53.3 | 44.9 | 22.8 |
| 8 | 7 OPzS 490 | 305.6 | 258.7 | 208.0 | 152.2 | 122.3 | 101.4 | 87.8 | 77.0 | 62.2 | 52.4 | 26.6 |
| 9 | 6 OPzS 600 | 314.5 | 280.6 | 236.8 | 180.1 | 145.2 | 122.3 | 104.4 | 93.2 | 75.2 | 63.3 | 33.4 |
| 10 | 8 OPzS 800 | 419.0 | 374.2 | 315.4 | 239.8 | 193.0 | 163.1 | 139.2 | 124.3 | 100.4 | 84.4 | 44.5 |
| 11 | 10 OPzS 1000 | 524.5 | 467.7 | 395.1 | 300.5 | 240.7 | 202.9 | 174.0 | 155.1 | 125.2 | 105.4 | 55.4 |
| 12 | 12 OPzS 1200 | 629.0 | 561.2 | 473.7 | 360.2 | 289.5 | 243.7 | 208.8 | 185.9 | 150.1 | 126.2 | 66.5 |
| 13 | 12 OPzS 1500 | 708.7 | 647.8 | 558.3 | 438.8 | 358.1 | 301.3 | 261.5 | 231.6 | 188.8 | 158.0 | 77.6 |
| 14 | 16 OPzS 2000 | 945.5 | 863.7 | 744.3 | 585.0 | 477.5 | 401.8 | 349.0 | 309.2 | 252.5 | 211.7 | 104.0 |
| 15 | 20 OPzS 2500 | 1181.4 | 1079.7 | 930.4 | 731.3 | 596.8 | 503.2 | 435.5 | 385.7 | 315.1 | 264.4 | 129.3 |
| 16 | 24 OPzS 3000 | 1418.3 | 1296.6 | 1115.5 | 876.5 | 716.2 | 603.7 | 523.0 | 463.3 | 378.7 | 317.1 | 155.7 |

Ue=1.85 V/cell

| No | Cell type | Discharge time | | | | | | | | | | |
|----|--------------|----------------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 15' | 30' | 1h | 2h | 3h | 4h | 5h | 6h | 8h | 10h | 24h |
| 1 | 2 OPzS 100 | 65.7 | 53.7 | 40.2 | 28.9 | 22.8 | 19.2 | 16.5 | 14.8 | 11.8 | 10.2 | 5.0 |
| 2 | 3 OPzS 150 | 98.5 | 80.6 | 60.3 | 43.3 | 34.2 | 28.9 | 24.8 | 22.1 | 17.7 | 15.3 | 7.5 |
| 3 | 4 OPzS 200 | 131.4 | 107.5 | 80.4 | 57.7 | 45.6 | 38.5 | 33.0 | 29.5 | 23.6 | 20.4 | 10.0 |
| 4 | 5 OPzS 250 | 164.2 | 134.3 | 100.5 | 72.1 | 57.0 | 48.0 | 41.3 | 36.9 | 29.4 | 25.5 | 14.5 |
| 5 | 6 OPzS 300 | 197.1 | 161.2 | 120.4 | 86.6 | 68.3 | 57.7 | 49.5 | 44.3 | 35.4 | 30.6 | 17.4 |
| 6 | 5 OPzS 350 | 199.1 | 170.2 | 138.3 | 103.5 | 83.5 | 69.8 | 60.4 | 53.1 | 43.0 | 36.2 | 20.2 |
| 7 | 6 OPzS 420 | 238.9 | 204.0 | 166.2 | 124.4 | 99.5 | 83.7 | 72.5 | 63.7 | 51.6 | 43.4 | 24.3 |
| 8 | 7 OPzS 490 | 278.7 | 237.8 | 194.0 | 145.3 | 116.4 | 97.8 | 84.5 | 74.4 | 60.2 | 50.7 | 28.4 |
| 9 | 6 OPzS 600 | 284.7 | 254.7 | 219.9 | 167.1 | 136.3 | 117.4 | 100.4 | 90.1 | 72.6 | 61.5 | 34.4 |
| 10 | 8 OPzS 800 | 379.2 | 339.3 | 293.6 | 222.9 | 182.0 | 156.1 | 134.2 | 120.3 | 96.7 | 82.0 | 45.9 |
| 11 | 10 OPzS 1000 | 474.8 | 424.9 | 366.2 | 278.6 | 226.8 | 193.9 | 166.0 | 149.1 | 120.3 | 101.4 | 57.2 |
| 12 | 12 OPzS 1200 | 569.3 | 509.5 | 439.8 | 334.3 | 273.5 | 233.7 | 199.9 | 178.9 | 144.1 | 122.3 | 68.5 |
| 13 | 12 OPzS 1500 | 644.0 | 595.1 | 517.5 | 407.9 | 335.2 | 283.4 | 245.6 | 218.7 | 179.9 | 151.1 | 85.5 |
| 14 | 16 OPzS 2000 | 858.9 | 793.1 | 690.6 | 544.2 | 446.6 | 377.9 | 327.1 | 291.3 | 239.5 | 201.8 | 114.0 |
| 15 | 20 OPzS 2500 | 1072.9 | 991.1 | 862.8 | 680.5 | 558.0 | 471.4 | 409.7 | 364.8 | 300.2 | 252.5 | 142.0 |
| 16 | 24 OPzS 3000 | 1287.9 | 1190.1 | 1035.9 | 815.8 | 669.4 | 565.9 | 491.2 | 437.4 | 359.8 | 303.2 | 171.0 |



PERFORMANCE DATA OPzS Perfect

Constant current discharge (in A) @ +20°C to the end-of-discharge voltage

Ue=1.87 V/cell

| No | Cell type | Discharge time | | | | | | | | | | |
|----|--------------|----------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 15' | 30' | 1h | 2h | 3h | 4h | 5h | 6h | 8h | 10h | 24h |
| 1 | 2 OPzS 100 | 57.2 | 47.8 | 36.9 | 27.5 | 21.9 | 18.3 | 15.8 | 14.1 | 11.4 | 9.9 | 4.8 |
| 2 | 3 OPzS 150 | 85.8 | 71.6 | 55.4 | 41.2 | 32.8 | 27.5 | 23.6 | 21.2 | 17.1 | 14.8 | 7.2 |
| 3 | 4 OPzS 200 | 114.5 | 95.5 | 73.8 | 54.9 | 43.8 | 36.7 | 31.5 | 28.2 | 22.9 | 19.8 | 9.6 |
| 4 | 5 OPzS 250 | 143.3 | 119.4 | 92.3 | 68.6 | 54.7 | 45.8 | 39.5 | 35.3 | 28.5 | 24.8 | 12.2 |
| 5 | 6 OPzS 300 | 172.2 | 143.3 | 110.5 | 82.4 | 65.7 | 55.0 | 47.3 | 42.3 | 34.2 | 29.7 | 14.6 |
| 6 | 5 OPzS 350 | 179.2 | 155.2 | 128.4 | 97.5 | 78.4 | 66.0 | 57.3 | 50.6 | 41.1 | 34.7 | 17.5 |
| 7 | 6 OPzS 420 | 215.0 | 186.1 | 153.2 | 117.4 | 94.1 | 79.3 | 68.8 | 60.7 | 49.4 | 41.6 | 20.9 |
| 8 | 7 OPzS 490 | 250.8 | 216.9 | 179.1 | 136.3 | 109.4 | 92.5 | 80.2 | 70.9 | 57.6 | 48.6 | 24.4 |
| 9 | 6 OPzS 600 | 251.8 | 229.9 | 199.0 | 156.2 | 128.3 | 110.4 | 95.8 | 85.0 | 68.3 | 58.5 | 31.0 |
| 10 | 8 OPzS 800 | 336.4 | 306.5 | 265.7 | 207.9 | 172.1 | 147.2 | 127.3 | 113.3 | 90.9 | 78.1 | 41.3 |
| 11 | 10 OPzS 1000 | 420.0 | 383.1 | 331.4 | 260.7 | 214.9 | 184.0 | 159.1 | 142.2 | 113.3 | 97.6 | 51.4 |
| 12 | 12 OPzS 1200 | 504.6 | 459.7 | 398.0 | 312.4 | 257.6 | 220.8 | 191.9 | 170.0 | 136.2 | 117.3 | 61.7 |
| 13 | 12 OPzS 1500 | 579.3 | 537.4 | 468.7 | 371.1 | 309.4 | 264.5 | 231.7 | 206.8 | 171.0 | 143.1 | 68.7 |
| 14 | 16 OPzS 2000 | 772.4 | 716.5 | 624.9 | 495.5 | 412.8 | 353.0 | 309.2 | 276.4 | 227.6 | 191.8 | 93.1 |
| 15 | 20 OPzS 2500 | 965.4 | 895.6 | 781.2 | 618.8 | 515.3 | 441.6 | 386.8 | 345.0 | 285.2 | 239.6 | 115.2 |
| 16 | 24 OPzS 3000 | 1158.5 | 1074.7 | 938.4 | 743.2 | 618.7 | 529.1 | 464.3 | 414.5 | 341.9 | 287.3 | 138.4 |

Ue=1.90 V/cell

| No | Cell type | Discharge time | | | | | | | | | | |
|----|--------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 15' | 30' | 1h | 2h | 3h | 4h | 5h | 6h | 8h | 10h | 24h |
| 1 | 2 OPzS 100 | 45.1 | 40.0 | 32.2 | 24.2 | 19.8 | 16.9 | 14.6 | 13.1 | 10.6 | 9.2 | 4.4 |
| 2 | 3 OPzS 150 | 67.6 | 60.0 | 48.3 | 36.3 | 29.7 | 25.4 | 21.8 | 19.6 | 15.9 | 13.8 | 6.6 |
| 3 | 4 OPzS 200 | 90.2 | 80.0 | 64.4 | 48.4 | 39.6 | 33.8 | 29.1 | 26.1 | 21.2 | 18.4 | 8.8 |
| 4 | 5 OPzS 250 | 112.5 | 99.5 | 80.5 | 60.5 | 49.4 | 42.3 | 36.4 | 32.7 | 26.5 | 23.1 | 11.2 |
| 5 | 6 OPzS 300 | 135.4 | 120.4 | 96.6 | 72.5 | 59.4 | 50.7 | 43.7 | 39.3 | 31.8 | 27.6 | 13.4 |
| 6 | 5 OPzS 350 | 146.3 | 130.4 | 109.5 | 84.6 | 69.4 | 58.9 | 51.5 | 45.9 | 37.6 | 31.8 | 15.9 |
| 7 | 6 OPzS 420 | 175.2 | 157.2 | 131.4 | 101.5 | 83.3 | 70.7 | 61.8 | 55.1 | 45.1 | 38.2 | 18.9 |
| 8 | 7 OPzS 490 | 205.0 | 183.1 | 153.2 | 118.4 | 97.2 | 82.4 | 72.2 | 64.2 | 52.6 | 44.5 | 22.1 |
| 9 | 6 OPzS 600 | 210.0 | 189.1 | 168.2 | 135.3 | 112.4 | 98.0 | 85.3 | 76.2 | 62.4 | 53.9 | 28.3 |
| 10 | 8 OPzS 800 | 279.7 | 252.8 | 224.9 | 180.1 | 150.2 | 130.3 | 113.4 | 101.4 | 83.3 | 71.9 | 37.8 |
| 11 | 10 OPzS 1000 | 350.3 | 316.4 | 280.6 | 225.8 | 187.0 | 163.1 | 142.2 | 127.2 | 104.4 | 89.9 | 47.0 |
| 12 | 12 OPzS 1200 | 420.0 | 379.1 | 337.3 | 270.6 | 224.8 | 195.9 | 170.0 | 152.1 | 124.2 | 107.4 | 56.4 |
| 13 | 12 OPzS 1500 | 477.7 | 443.8 | 394.1 | 322.3 | 272.5 | 233.7 | 204.8 | 184.9 | 154.1 | 130.2 | 61.3 |
| 14 | 16 OPzS 2000 | 637.0 | 592.1 | 525.4 | 429.8 | 363.1 | 312.3 | 273.4 | 246.5 | 204.7 | 174.0 | 83.1 |
| 15 | 20 OPzS 2500 | 796.2 | 740.4 | 656.8 | 537.2 | 453.6 | 389.8 | 342.0 | 307.2 | 256.4 | 217.7 | 103.2 |
| 16 | 24 OPzS 3000 | 955.5 | 887.6 | 788.1 | 644.7 | 545.1 | 468.4 | 410.6 | 368.8 | 307.1 | 261.4 | 124.4 |



PERFORMANCE DATA OPzS Perfect

Constant power discharge in W/cell @ +20°C to the end-of-discharge voltage

Ue=1.67 V/cell

| No | Cell type | Discharge time | | | | | | | | | | |
|----|--------------|----------------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|
| | | 15' | 30' | 1h | 2h | 3h | 4h | 5h | 6h | 8h | 10h | 24h |
| 1 | 2 OPzS 100 | 212.7 | 162.9 | 108.3 | 69.6 | 53.6 | 44.4 | 37.6 | 33.2 | 26.5 | 22.8 | 11.3 |
| 2 | 3 OPzS 150 | 319.1 | 244.3 | 162.4 | 104.4 | 80.5 | 66.6 | 56.5 | 49.8 | 39.8 | 34.1 | 16.9 |
| 3 | 4 OPzS 200 | 425.4 | 325.8 | 216.5 | 139.2 | 107.3 | 88.8 | 75.3 | 66.3 | 53.1 | 45.5 | 22.6 |
| 4 | 5 OPzS 250 | 527.3 | 401.8 | 267.2 | 172.1 | 132.2 | 110.1 | 92.9 | 82.0 | 65.3 | 56.2 | 28.1 |
| 5 | 6 OPzS 300 | 634.3 | 483.7 | 320.5 | 207.4 | 159.0 | 131.6 | 111.6 | 98.9 | 78.7 | 67.8 | 33.9 |
| 6 | 5 OPzS 350 | 676.3 | 552.7 | 393.9 | 265.9 | 206.5 | 170.0 | 144.8 | 126.6 | 103.1 | 87.4 | 44.8 |
| 7 | 6 OPzS 420 | 813.2 | 663.9 | 475.2 | 321.4 | 248.2 | 204.7 | 174.9 | 153.2 | 124.6 | 105.3 | 53.7 |
| 8 | 7 OPzS 490 | 950.4 | 776.8 | 554.8 | 374.7 | 289.8 | 239.4 | 203.8 | 178.6 | 145.4 | 122.5 | 62.7 |
| 9 | 6 OPzS 600 | 965.1 | 851.5 | 642.3 | 440.7 | 340.7 | 284.3 | 237.6 | 210.4 | 167.0 | 144.2 | 74.3 |
| 10 | 8 OPzS 800 | 1280.3 | 1126.9 | 852.7 | 584.2 | 451.3 | 376.7 | 316.2 | 279.5 | 221.2 | 191.0 | 98.6 |
| 11 | 10 OPzS 1000 | 1602.2 | 1410.6 | 1065.0 | 732.5 | 564.9 | 470.9 | 395.2 | 349.8 | 276.3 | 239.6 | 122.7 |
| 12 | 12 OPzS 1200 | 1922.9 | 1692.4 | 1279.1 | 878.6 | 678.5 | 565.0 | 474.1 | 420.1 | 331.4 | 287.2 | 147.3 |
| 13 | 12 OPzS 1500 | 2081.7 | 1819.1 | 1421.3 | 1026.3 | 803.8 | 665.8 | 571.2 | 503.7 | 410.1 | 342.8 | 169.1 |
| 14 | 16 OPzS 2000 | 2770.7 | 2437.7 | 1894.9 | 1372.5 | 1071.8 | 889.1 | 762.9 | 673.1 | 548.0 | 457.4 | 227.9 |
| 15 | 20 OPzS 2500 | 3473.7 | 3054.2 | 2369.8 | 1717.4 | 1339.7 | 1111.5 | 954.0 | 841.9 | 684.4 | 572.6 | 283.6 |
| 16 | 24 OPzS 3000 | 4169.0 | 3661.2 | 2838.3 | 2054.3 | 1605.6 | 1332.4 | 1142.8 | 1009.7 | 819.3 | 685.5 | 341.3 |

Ue=1.70 V/cell

| No | Cell type | Discharge time | | | | | | | | | | |
|----|--------------|----------------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| | | 15' | 30' | 1h | 2h | 3h | 4h | 5h | 6h | 8h | 10h | 24h |
| 1 | 2 OPzS 100 | 203.0 | 151.8 | 101.0 | 65.2 | 50.2 | 41.6 | 35.2 | 31.1 | 24.8 | 21.3 | 10.6 |
| 2 | 3 OPzS 150 | 304.6 | 227.6 | 151.5 | 97.7 | 75.3 | 62.4 | 52.9 | 46.6 | 37.3 | 32.0 | 15.9 |
| 3 | 4 OPzS 200 | 406.1 | 303.5 | 202.0 | 130.3 | 100.5 | 83.1 | 70.5 | 62.1 | 49.7 | 42.6 | 21.2 |
| 4 | 5 OPzS 250 | 507.6 | 379.1 | 252.8 | 163.2 | 125.3 | 104.4 | 88.1 | 77.7 | 61.9 | 53.3 | 26.7 |
| 5 | 6 OPzS 300 | 609.1 | 454.8 | 302.5 | 196.0 | 150.2 | 124.3 | 105.4 | 93.4 | 74.3 | 64.0 | 32.0 |
| 6 | 5 OPzS 350 | 601.2 | 466.7 | 343.3 | 231.8 | 180.0 | 148.2 | 126.3 | 110.3 | 89.8 | 76.2 | 39.1 |
| 7 | 6 OPzS 420 | 721.6 | 559.2 | 412.0 | 279.6 | 215.8 | 178.0 | 152.1 | 133.2 | 108.3 | 91.5 | 46.7 |
| 8 | 7 OPzS 490 | 842.0 | 652.8 | 480.6 | 325.3 | 251.7 | 207.9 | 177.0 | 155.1 | 126.2 | 106.4 | 54.5 |
| 9 | 6 OPzS 600 | 880.8 | 758.3 | 588.1 | 403.9 | 312.3 | 260.6 | 217.8 | 192.9 | 153.1 | 132.2 | 68.1 |
| 10 | 8 OPzS 800 | 1174.5 | 1010.0 | 784.1 | 538.2 | 415.8 | 347.1 | 291.3 | 257.5 | 203.7 | 175.9 | 90.9 |
| 11 | 10 OPzS 1000 | 1469.1 | 1263.8 | 980.2 | 674.5 | 520.2 | 433.6 | 363.9 | 322.1 | 254.4 | 220.7 | 113.0 |
| 12 | 12 OPzS 1200 | 1762.7 | 1515.5 | 1176.2 | 808.9 | 624.7 | 520.1 | 436.5 | 386.7 | 305.1 | 264.4 | 135.6 |
| 13 | 12 OPzS 1500 | 2056.3 | 1791.2 | 1405.1 | 1014.8 | 794.8 | 658.4 | 564.8 | 498.0 | 405.5 | 339.0 | 167.2 |
| 14 | 16 OPzS 2000 | 2730.1 | 2393.2 | 1867.8 | 1354.1 | 1057.4 | 877.1 | 752.7 | 664.1 | 540.7 | 451.3 | 224.8 |
| 15 | 20 OPzS 2500 | 3420.8 | 2996.2 | 2335.5 | 1693.3 | 1321.0 | 1095.9 | 940.6 | 830.1 | 674.9 | 564.6 | 279.6 |
| 16 | 24 OPzS 3000 | 4112.6 | 3599.3 | 2802.2 | 2028.6 | 1585.6 | 1315.7 | 1128.5 | 997.1 | 809.0 | 676.9 | 337.1 |



PERFORMANCE DATA OPzS Perfect

Constant power discharge in W/cell @ +20°C to the end-of-discharge voltage

Ue=1.75 V/cell

| No | Cell type | Discharge time | | | | | | | | | | |
|----|--------------|----------------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| | | 15' | 30' | 1h | 2h | 3h | 4h | 5h | 6h | 8h | 10h | 24h |
| 1 | 2 OPzS 100 | 188.6 | 140.3 | 96.0 | 63.2 | 49.0 | 40.8 | 34.7 | 30.6 | 25.0 | 21.1 | 10.4 |
| 2 | 3 OPzS 150 | 282.9 | 210.5 | 144.0 | 94.8 | 73.6 | 61.2 | 52.0 | 45.9 | 37.5 | 31.6 | 15.6 |
| 3 | 4 OPzS 200 | 377.2 | 280.6 | 192.1 | 126.4 | 98.1 | 81.5 | 69.3 | 61.2 | 50.0 | 42.1 | 20.8 |
| 4 | 5 OPzS 250 | 467.8 | 350.3 | 239.8 | 158.2 | 122.3 | 101.4 | 86.6 | 76.5 | 61.2 | 52.7 | 26.3 |
| 5 | 6 OPzS 300 | 561.3 | 419.9 | 288.6 | 190.0 | 146.2 | 122.3 | 103.4 | 91.9 | 73.4 | 63.3 | 31.5 |
| 6 | 5 OPzS 350 | 528.5 | 428.9 | 328.4 | 227.8 | 177.1 | 147.2 | 125.3 | 109.4 | 89.2 | 75.7 | 38.7 |
| 7 | 6 OPzS 420 | 634.0 | 515.5 | 394.1 | 273.6 | 212.9 | 176.0 | 151.1 | 131.2 | 107.3 | 90.9 | 46.2 |
| 8 | 7 OPzS 490 | 739.5 | 601.0 | 459.7 | 319.4 | 248.7 | 204.9 | 176.0 | 153.1 | 125.2 | 106.4 | 53.9 |
| 9 | 6 OPzS 600 | 785.3 | 685.6 | 551.3 | 389.0 | 306.4 | 254.6 | 213.8 | 187.9 | 149.1 | 128.2 | 67.2 |
| 10 | 8 OPzS 800 | 1047.1 | 914.5 | 734.4 | 519.3 | 408.8 | 340.1 | 284.4 | 250.5 | 197.8 | 171.0 | 89.5 |
| 11 | 10 OPzS 1000 | 1308.8 | 1143.4 | 918.5 | 649.7 | 511.3 | 424.7 | 356.0 | 313.1 | 246.5 | 213.7 | 111.9 |
| 12 | 12 OPzS 1200 | 1570.6 | 1372.2 | 1102.6 | 780.0 | 612.7 | 510.2 | 427.5 | 376.8 | 296.2 | 257.4 | 133.6 |
| 13 | 12 OPzS 1500 | 1757.7 | 1559.3 | 1277.7 | 957.1 | 767.9 | 640.5 | 548.9 | 487.1 | 397.6 | 332.0 | 163.1 |
| 14 | 16 OPzS 2000 | 2343.9 | 2079.8 | 1703.6 | 1277.5 | 1023.5 | 854.3 | 732.8 | 650.1 | 529.7 | 443.3 | 219.7 |
| 15 | 20 OPzS 2500 | 2930.2 | 2599.2 | 2129.5 | 1595.8 | 1284.2 | 1070.1 | 916.7 | 812.2 | 661.9 | 553.7 | 273.4 |
| 16 | 24 OPzS 3000 | 3515.4 | 3118.6 | 2555.4 | 1910.2 | 1535.8 | 1281.9 | 1099.7 | 975.2 | 814.0 | 665.0 | 329.1 |

Ue=1.80 V/cell

| No | Cell type | Discharge time | | | | | | | | | | |
|----|--------------|----------------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| | | 15' | 30' | 1h | 2h | 3h | 4h | 5h | 6h | 8h | 10h | 24h |
| 1 | 2 OPzS 100 | 158.8 | 123.4 | 88.6 | 60.2 | 46.9 | 39.3 | 33.5 | 29.8 | 24.0 | 20.6 | 10.2 |
| 2 | 3 OPzS 150 | 238.1 | 185.1 | 132.8 | 90.3 | 70.4 | 59.0 | 50.3 | 44.7 | 35.9 | 30.9 | 15.3 |
| 3 | 4 OPzS 200 | 317.5 | 246.8 | 177.1 | 120.4 | 93.9 | 78.7 | 67.0 | 59.5 | 47.9 | 41.2 | 20.4 |
| 4 | 5 OPzS 250 | 397.1 | 308.5 | 221.9 | 150.2 | 117.4 | 98.4 | 83.8 | 74.5 | 59.9 | 51.4 | 25.7 |
| 5 | 6 OPzS 300 | 476.7 | 370.2 | 266.7 | 180.1 | 141.2 | 118.3 | 100.4 | 89.4 | 71.9 | 61.6 | 30.8 |
| 6 | 5 OPzS 350 | 453.9 | 380.1 | 296.5 | 214.9 | 172.1 | 143.2 | 123.3 | 107.4 | 87.9 | 74.3 | 38.1 |
| 7 | 6 OPzS 420 | 544.4 | 455.8 | 356.2 | 257.7 | 205.9 | 172.0 | 147.2 | 129.2 | 105.4 | 89.1 | 45.6 |
| 8 | 7 OPzS 490 | 635.0 | 531.4 | 415.0 | 300.5 | 240.7 | 198.9 | 172.0 | 151.1 | 123.2 | 104.4 | 53.2 |
| 9 | 6 OPzS 600 | 663.9 | 583.1 | 483.6 | 361.1 | 291.4 | 243.7 | 207.8 | 183.9 | 148.1 | 125.2 | 66.5 |
| 10 | 8 OPzS 800 | 885.8 | 777.2 | 644.8 | 481.5 | 387.9 | 325.2 | 276.4 | 245.5 | 197.8 | 168.0 | 88.8 |
| 11 | 10 OPzS 1000 | 1106.8 | 972.2 | 806.0 | 601.9 | 485.4 | 406.8 | 346.0 | 306.2 | 247.5 | 209.7 | 110.8 |
| 12 | 12 OPzS 1200 | 1328.7 | 1166.3 | 967.2 | 722.3 | 581.9 | 488.3 | 414.6 | 367.8 | 296.2 | 251.5 | 132.5 |
| 13 | 12 OPzS 1500 | 1479.0 | 1345.4 | 1142.4 | 887.5 | 721.2 | 607.6 | 526.0 | 466.2 | 379.7 | 320.1 | 157.9 |
| 14 | 16 OPzS 2000 | 1971.7 | 1794.2 | 1523.5 | 1182.9 | 961.9 | 809.5 | 701.0 | 621.3 | 506.9 | 426.4 | 212.4 |
| 15 | 20 OPzS 2500 | 2465.4 | 2243.0 | 1904.6 | 1478.4 | 1202.6 | 1013.4 | 877.0 | 776.4 | 634.1 | 532.8 | 262.9 |
| 16 | 24 OPzS 3000 | 2958.0 | 2691.7 | 2285.7 | 1774.9 | 1443.3 | 1216.3 | 1052.0 | 931.5 | 761.3 | 639.1 | 316.7 |



PERFORMANCE DATA OPzS Perfect

Constant power discharge in W/cell @ +20°C to the end-of-discharge voltage

Ue=1.83 V/cell

| No | Cell type | Discharge time | | | | | | | | | | |
|----|--------------|----------------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| | | 15' | 30' | 1h | 2h | 3h | 4h | 5h | 6h | 8h | 10h | 24h |
| 1 | 2 OPzS 100 | 136.9 | 110.0 | 81.1 | 57.2 | 45.1 | 37.9 | 32.4 | 28.9 | 23.4 | 20.2 | 10.0 |
| 2 | 3 OPzS 150 | 205.3 | 164.9 | 121.7 | 85.8 | 67.7 | 56.9 | 48.6 | 43.3 | 35.0 | 30.3 | 15.0 |
| 3 | 4 OPzS 200 | 273.7 | 219.9 | 162.2 | 114.4 | 90.2 | 75.9 | 64.8 | 57.8 | 46.7 | 40.5 | 20.0 |
| 4 | 5 OPzS 250 | 341.4 | 274.6 | 203.0 | 142.3 | 112.4 | 94.8 | 80.9 | 72.2 | 58.4 | 50.6 | 25.2 |
| 5 | 6 OPzS 300 | 410.1 | 329.4 | 243.8 | 171.1 | 135.3 | 113.4 | 96.9 | 86.6 | 70.1 | 60.7 | 30.1 |
| 6 | 5 OPzS 350 | 402.1 | 343.3 | 274.6 | 204.0 | 166.1 | 138.2 | 119.3 | 105.4 | 85.4 | 72.3 | 37.0 |
| 7 | 6 OPzS 420 | 482.7 | 412.0 | 330.4 | 244.7 | 198.9 | 166.1 | 143.2 | 126.3 | 102.4 | 86.8 | 44.2 |
| 8 | 7 OPzS 490 | 562.3 | 480.6 | 385.1 | 285.5 | 231.8 | 192.9 | 167.0 | 147.1 | 119.3 | 101.4 | 51.7 |
| 9 | 6 OPzS 600 | 580.3 | 520.4 | 438.8 | 338.3 | 273.5 | 231.7 | 199.9 | 177.9 | 145.1 | 122.3 | 64.9 |
| 10 | 8 OPzS 800 | 773.3 | 693.6 | 585.1 | 451.7 | 365.1 | 309.3 | 266.5 | 237.6 | 192.8 | 163.0 | 86.4 |
| 11 | 10 OPzS 1000 | 966.4 | 867.7 | 731.4 | 564.1 | 456.6 | 385.9 | 331.1 | 295.2 | 240.5 | 203.8 | 108.0 |
| 12 | 12 OPzS 1200 | 1159.5 | 1040.9 | 877.7 | 676.5 | 547.1 | 463.4 | 397.7 | 354.9 | 288.2 | 243.5 | 128.8 |
| 13 | 12 OPzS 1500 | 1307.8 | 1202.1 | 1033.9 | 823.8 | 677.4 | 573.8 | 498.1 | 442.4 | 363.8 | 306.2 | 150.2 |
| 14 | 16 OPzS 2000 | 1742.8 | 1602.1 | 1378.2 | 1098.4 | 903.2 | 765.8 | 664.2 | 589.5 | 486.0 | 408.5 | 202.9 |
| 15 | 20 OPzS 2500 | 2178.7 | 2003.1 | 1723.5 | 1373.0 | 1130.0 | 956.7 | 830.2 | 736.6 | 607.3 | 510.9 | 250.8 |
| 16 | 24 OPzS 3000 | 2614.7 | 2403.2 | 2067.8 | 1647.6 | 1355.8 | 1148.6 | 996.3 | 883.8 | 728.5 | 613.3 | 302.0 |

Ue=1.85 V/cell

| No | Cell type | Discharge time | | | | | | | | | | |
|----|--------------|----------------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| | | 15' | 30' | 1h | 2h | 3h | 4h | 5h | 6h | 8h | 10h | 24h |
| 1 | 2 OPzS 100 | 122.4 | 100.5 | 75.1 | 54.7 | 43.5 | 36.8 | 31.6 | 28.3 | 22.8 | 19.8 | 9.7 |
| 2 | 3 OPzS 150 | 183.6 | 150.8 | 112.7 | 82.1 | 65.3 | 55.2 | 47.4 | 42.5 | 34.2 | 29.7 | 14.5 |
| 3 | 4 OPzS 200 | 244.8 | 201.0 | 150.3 | 109.4 | 87.0 | 73.6 | 63.2 | 56.7 | 45.6 | 39.6 | 19.4 |
| 4 | 5 OPzS 250 | 306.6 | 250.8 | 188.1 | 136.3 | 108.4 | 92.0 | 79.0 | 70.8 | 57.0 | 49.5 | 28.3 |
| 5 | 6 OPzS 300 | 367.3 | 301.5 | 225.9 | 163.2 | 130.3 | 110.4 | 94.9 | 84.9 | 68.5 | 59.4 | 34.0 |
| 6 | 5 OPzS 350 | 371.2 | 317.4 | 258.7 | 196.0 | 159.2 | 133.3 | 115.3 | 101.4 | 83.3 | 70.3 | 39.5 |
| 7 | 6 OPzS 420 | 444.9 | 381.1 | 311.5 | 234.8 | 191.0 | 160.1 | 139.2 | 122.3 | 100.4 | 84.3 | 47.4 |
| 8 | 7 OPzS 490 | 519.5 | 444.8 | 363.2 | 273.6 | 222.8 | 187.0 | 162.1 | 142.2 | 116.3 | 98.4 | 55.3 |
| 9 | 6 OPzS 600 | 530.5 | 475.7 | 412.0 | 316.4 | 260.6 | 223.8 | 192.9 | 173.0 | 140.1 | 119.3 | 67.2 |
| 10 | 8 OPzS 800 | 707.7 | 634.9 | 549.3 | 421.8 | 347.2 | 298.4 | 256.5 | 229.6 | 186.9 | 159.0 | 89.6 |
| 11 | 10 OPzS 1000 | 884.8 | 794.1 | 686.6 | 526.3 | 433.7 | 370.9 | 319.2 | 286.3 | 232.6 | 197.8 | 112.0 |
| 12 | 12 OPzS 1200 | 1061.0 | 952.3 | 823.9 | 631.8 | 521.2 | 446.5 | 382.8 | 343.0 | 279.3 | 237.6 | 134.0 |
| 13 | 12 OPzS 1500 | 1200.3 | 1111.5 | 970.2 | 772.0 | 639.6 | 541.0 | 470.3 | 419.5 | 347.9 | 294.2 | 167.0 |
| 14 | 16 OPzS 2000 | 1600.4 | 1481.7 | 1293.6 | 1028.7 | 852.5 | 722.0 | 627.4 | 558.7 | 464.2 | 392.6 | 222.0 |
| 15 | 20 OPzS 2500 | 2000.6 | 1851.9 | 1617.0 | 1286.4 | 1065.3 | 902.0 | 784.5 | 698.9 | 580.4 | 490.0 | 278.0 |
| 16 | 24 OPzS 3000 | 2400.7 | 2222.1 | 1940.4 | 1543.1 | 1278.2 | 1083.0 | 941.6 | 838.0 | 696.7 | 588.4 | 334.0 |



PERFORMANCE DATA OPzS Perfect

Constant power discharge in W/cell @ +20°C to the end-of-discharge voltage

Ue=1.87 V/cell

| No | Cell type | Discharge time | | | | | | | | | | |
|----|--------------|----------------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| | | 15' | 30' | 1h | 2h | 3h | 4h | 5h | 6h | 8h | 10h | 24h |
| 1 | 2 OPzS 100 | 108.0 | 90.1 | 70.2 | 52.2 | 42.0 | 35.4 | 30.5 | 27.3 | 22.2 | 19.4 | 9.4 |
| 2 | 3 OPzS 150 | 162.0 | 135.1 | 105.2 | 78.3 | 63.0 | 53.1 | 45.8 | 41.0 | 33.3 | 29.1 | 14.1 |
| 3 | 4 OPzS 200 | 216.0 | 180.1 | 140.3 | 104.5 | 84.1 | 70.8 | 61.1 | 54.7 | 44.4 | 38.8 | 18.9 |
| 4 | 5 OPzS 250 | 269.7 | 225.9 | 175.1 | 131.3 | 105.4 | 88.5 | 76.2 | 68.3 | 55.5 | 48.5 | 24.0 |
| 5 | 6 OPzS 300 | 323.5 | 270.7 | 210.0 | 157.2 | 126.3 | 106.4 | 91.6 | 82.0 | 66.6 | 58.1 | 28.7 |
| 6 | 5 OPzS 350 | 338.4 | 292.6 | 242.8 | 186.0 | 151.2 | 127.3 | 111.4 | 98.0 | 80.1 | 68.0 | 34.4 |
| 7 | 6 OPzS 420 | 406.1 | 351.3 | 291.6 | 222.9 | 181.0 | 152.2 | 133.2 | 117.3 | 96.2 | 81.6 | 41.0 |
| 8 | 7 OPzS 490 | 472.8 | 410.0 | 339.3 | 260.7 | 210.9 | 178.0 | 155.1 | 137.2 | 112.3 | 95.2 | 47.9 |
| 9 | 6 OPzS 600 | 475.8 | 433.9 | 377.1 | 298.5 | 247.7 | 213.8 | 184.9 | 165.0 | 133.2 | 114.3 | 60.8 |
| 10 | 8 OPzS 800 | 634.0 | 578.2 | 502.5 | 398.0 | 330.2 | 284.4 | 246.6 | 219.7 | 176.9 | 153.1 | 81.0 |
| 11 | 10 OPzS 1000 | 793.3 | 723.4 | 627.9 | 497.5 | 411.8 | 256.6 | 309.2 | 274.4 | 220.6 | 190.8 | 100.7 |
| 12 | 12 OPzS 1200 | 951.5 | 867.7 | 754.3 | 595.9 | 494.4 | 426.6 | 370.9 | 329.0 | 264.4 | 229.6 | 121.3 |
| 13 | 12 OPzS 1500 | 1092.8 | 1014.0 | 888.6 | 709.4 | 594.8 | 511.2 | 449.4 | 400.6 | 332.0 | 281.3 | 134.6 |
| 14 | 16 OPzS 2000 | 1457.1 | 1352.3 | 1184.2 | 945.2 | 792.8 | 681.2 | 598.6 | 534.8 | 443.3 | 374.7 | 182.0 |
| 15 | 20 OPzS 2500 | 1821.4 | 1690.7 | 1480.7 | 1181.9 | 991.7 | 851.3 | 748.7 | 668.0 | 553.6 | 469.2 | 226.2 |
| 16 | 24 OPzS 3000 | 2185.7 | 2029.0 | 1776.3 | 1418.7 | 1189.7 | 1021.4 | 897.9 | 802.2 | 664.9 | 562.6 | 272.6 |

Ue=1.90 V/cell

| No | Cell type | Discharge time | | | | | | | | | | |
|----|--------------|----------------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| | | 15' | 30' | 1h | 2h | 3h | 4h | 5h | 6h | 8h | 10h | 24h |
| 1 | 2 OPzS 100 | 86.1 | 76.6 | 61.7 | 46.7 | 38.4 | 32.9 | 28.4 | 25.5 | 20.8 | 18.1 | 8.8 |
| 2 | 3 OPzS 150 | 129.1 | 114.9 | 92.5 | 70.1 | 57.6 | 49.3 | 42.6 | 38.3 | 31.2 | 27.2 | 13.3 |
| 3 | 4 OPzS 200 | 172.2 | 153.2 | 123.4 | 93.4 | 76.8 | 65.7 | 56.8 | 51.1 | 41.5 | 36.3 | 17.7 |
| 4 | 5 OPzS 250 | 215.0 | 191.1 | 154.2 | 116.4 | 96.0 | 82.1 | 71.0 | 63.9 | 52.0 | 45.4 | 22.4 |
| 5 | 6 OPzS 300 | 257.8 | 228.9 | 185.1 | 140.3 | 115.4 | 98.6 | 85.1 | 76.7 | 62.4 | 54.5 | 26.9 |
| 6 | 5 OPzS 350 | 278.7 | 249.8 | 210.0 | 163.2 | 134.3 | 114.4 | 100.4 | 89.7 | 73.6 | 62.7 | 31.7 |
| 7 | 6 OPzS 420 | 334.4 | 299.5 | 251.8 | 196.0 | 161.1 | 137.2 | 120.3 | 107.4 | 88.4 | 75.2 | 37.8 |
| 8 | 7 OPzS 490 | 390.2 | 349.3 | 293.6 | 228.8 | 189.0 | 160.1 | 140.2 | 125.3 | 103.4 | 87.8 | 44.2 |
| 9 | 6 OPzS 600 | 400.1 | 362.2 | 323.4 | 261.7 | 217.8 | 189.9 | 166.0 | 149.1 | 122.2 | 106.4 | 56.6 |
| 10 | 8 OPzS 800 | 533.5 | 482.6 | 430.9 | 348.2 | 290.5 | 253.6 | 221.7 | 198.8 | 163.0 | 142.1 | 75.5 |
| 11 | 10 OPzS 1000 | 666.9 | 604.0 | 538.3 | 435.8 | 363.1 | 317.2 | 276.4 | 248.5 | 203.7 | 176.9 | 93.6 |
| 12 | 12 OPzS 1200 | 800.2 | 724.4 | 645.8 | 522.3 | 435.7 | 379.9 | 332.1 | 297.2 | 244.5 | 212.7 | 112.2 |
| 13 | 12 OPzS 1500 | 909.7 | 847.8 | 755.3 | 622.8 | 529.2 | 455.5 | 399.7 | 360.9 | 301.2 | 257.4 | 122.9 |
| 14 | 16 OPzS 2000 | 1213.3 | 1130.4 | 1007.0 | 829.7 | 705.2 | 606.6 | 532.9 | 481.1 | 401.5 | 343.9 | 165.4 |
| 15 | 20 OPzS 2500 | 1515.8 | 1414.0 | 1258.8 | 1037.7 | 881.3 | 758.8 | 666.2 | 601.4 | 501.9 | 429.4 | 205.6 |
| 16 | 24 OPzS 3000 | 1819.4 | 1696.6 | 1510.6 | 1244.6 | 1057.4 | 910.0 | 799.4 | 721.7 | 602.3 | 515.9 | 248.0 |



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