

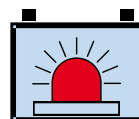
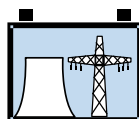
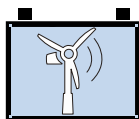
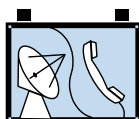
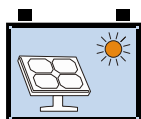


EverExceed[®]
power your applications

Tubular OPzS Range



»Premium quality for uninterrupted communication«



www.everexceed.com



GERMANY TECHNOLOGY

PROVEN HIGH RELIABILITY ENERGY STORAGE FOR CRITICAL APPLICATIONS

Specifications:

- Very high operationally reliability under rough operating conditions.
- Low maintenance due to reduced antimony in the alloy and high electrolyte reserve.
- Nominal capacity 50–3500 Ah C10, tailor solution model up to 15000AH available on request.
- 20 years at 20°C (80% remaining capacity from C10).
- Also designed for cyclic applications.
- Also available in dry charged condition with separate electrolyte.
- Low gassing due to PbSb1.6SnSe alloy (EN 50272-2); High antimony alloy also available on request.
- Conforms to DIN 40 736 and DIN 40 737 T3.
- Electrolyte: diluted sulphuric acid $d_N = 1.24\text{--}1.25$ kg/l.
- Optimized plate design produces increased capacities compared to DIN.
- Completely recyclable.

Applicable Operating temperature range:

-40°C(-40°F) to +70°C (+158°F)

Ideal Operating temperature range:

+20°C (+68°F) to +35°C (+95°F)

Storage time from a fully charged condition:

12 months at 20°C~25°C / 68°F~77°F.

Could up to 5 years if in sealed dry charged condition.

For each 9°C / 15°F rise, reduce the storage time by half.

Innovative Features

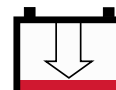
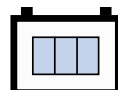
- ◆ Tubular positive plates: EverExceed™ robust tubular plates consisting of a lead antimony alloy, optimized for high corrosion resistances.
- ◆ Pasted negative plates: EverExceed™ grid plate construction consisting of low antimony with long-life expander material.
- ◆ Separators: Microporous and robust, for electrical separation of the positive and negative plates and optimized for low internal resistance.
- ◆ Container: High impact, transparent SAN (Styrol-Acryl-Nitril).
- ◆ Safety Vents: Cells incorporate flame retardant ceramic plugs that filter out any drops of electrolyte from the escaping gases preventing any errant spark or flame from entering the battery.
- ◆ Poles: Screw connection for easy and safe assembly and maintenance-free connection with excellent conductivity.
- ◆ Post seals: Extremely high integrity post seal design to prevent electrolyte leakage and terminal corrosion.
- ◆ Connectors: Flexible, fully insulated cable connectors screwed to the terminal with an insulated screw having a probe hole on the top for electrical measurement.
- ◆ Proprietary Fixed Orifice Plate Pasting technology applying active materials on both sides of the grid for consistent cell-to-cell performance, higher capacity and uniform grid protection

Applications

- Photovoltaics / Solar
- Wind Generation
- Microwave radio systems
- Telecommunications
- Power generation plants
- Emergency lighting

Standard and Compliance

- DIN 40736 part 1
- IEC 896 part 1
- DIN 40737 part 2

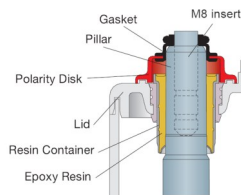


EverExceed Tubular OPzS Range Electrical Specifications & Dimensions

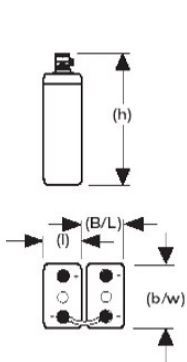
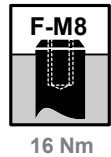
| Part number | DIN Type | Nom. Voltage (V) | C8 AH to 1.75V PC | C10 AH to 1.80V PC | C100 AH to 1.80V PC | Outline Dimensions (mm) | | | | | Weight With acid (kg) | Acid Weight (kg) | Pole Pairs | Internal Resist. acc. to IEC 896-2 mOhms | Short Circuit Current | Terminal |
|-------------|--------------|------------------|-------------------|--------------------|---------------------|-------------------------|-------------|------------|-------------|------------------------|-----------------------|------------------|------------|--|-----------------------|----------|
| | | | | | | Length (l) | Width (b/w) | Height (h) | Height (h2) | Installed Length (B/L) | | | | | | |
| 2TS020100 | 2 OPzS 100 | 2 | 127 | 128 | 146 | 103 | 206 | 355 | 409 | 113 | 13.0 | 3.00 | 1 | 1.50 | 1400 | F-M8 |
| 2TS030150 | 3 OPzS 150 | 2 | 168 | 168 | 225 | 103 | 206 | 355 | 409 | 113 | 14.0 | 3.30 | 1 | 1.05 | 1950 | F-M8 |
| 2TS040200 | 4 OPzS 200 | 2 | 214 | 214 | 294 | 103 | 206 | 355 | 409 | 113 | 17.0 | 4.00 | 1 | 0.85 | 2450 | F-M8 |
| 2TS050250 | 5 OPzS 250 | 2 | 263 | 265 | 368 | 124 | 206 | 355 | 409 | 134 | 21.0 | 6.00 | 1 | 0.68 | 3000 | F-M8 |
| 2TS060300 | 6 OPzS 300 | 2 | 312 | 316 | 440 | 145 | 206 | 355 | 409 | 155 | 24.0 | 6.40 | 1 | 0.57 | 3600 | F-M8 |
| 2TS050350 | 5 OPzS 350 | 2 | 377 | 380 | 527 | 124 | 206 | 471 | 525 | 134 | 28.0 | 8.00 | 1 | 0.60 | 3430 | F-M8 |
| 2TS060420 | 6 OPzS 420 | 2 | 451 | 455 | 631 | 145 | 206 | 471 | 525 | 155 | 33.0 | 10.0 | 1 | 0.51 | 4100 | F-M8 |
| 2TS070490 | 7 OPzS 490 | 2 | 526 | 530 | 740 | 166 | 206 | 471 | 525 | 176 | 38.0 | 11.5 | 1 | 0.45 | 4580 | F-M8 |
| 2TS060600 | 6 OPzS 600 | 2 | 664 | 680 | 902 | 145 | 206 | 646 | 701 | 155 | 45.5 | 13.5 | 1 | 0.42 | 5000 | F-M8 |
| 2TS080800 | 8 OPzS 800 | 2 | 896 | 910 | 1204 | 210 | 191 | 646 | 701 | 220 | 61.0 | 17.5 | 2 | 0.33 | 6650 | F-M8 |
| 2TS101000 | 10 OPzS 1000 | 2 | 1120 | 1140 | 1505 | 210 | 233 | 646 | 701 | 220 | 73.0 | 20.5 | 2 | 0.25 | 8200 | F-M8 |
| 2TS121200 | 12 OPzS 1200 | 2 | 1336 | 1370 | 1804 | 210 | 275 | 646 | 701 | 220 | 92.0 | 28.5 | 2 | 0.22 | 9250 | F-M8 |
| 2TS121500 | 12 OPzS 1500 | 2 | 1696 | 1700 | 2207 | 210 | 275 | 796 | 850 | 220 | 107 | 30.0 | 2 | 0.21 | 9600 | F-M8 |
| 2TS141750 | 14 OPzS 1750 | 2 | 1800 | 1800 | 2573 | 214 | 399 | 772 | 826 | 224 | 135 | 35.0 | 3 | 0.18 | 11200 | F-M8 |
| 2TS151875 | 15 OPzS 1875 | 2 | 1928 | 1930 | 2741 | 214 | 399 | 772 | 826 | 224 | 140 | 38.0 | 3 | 0.16 | 11600 | F-M8 |
| 2TS162000 | 16 OPzS 2000 | 2 | 2248 | 2250 | 2931 | 214 | 399 | 772 | 826 | 224 | 145 | 41.0 | 3 | 0.15 | 12800 | F-M8 |
| 2TS182250 | 18 OPzS 2250 | 2 | 2448 | 2450 | 3292 | 212 | 487 | 772 | 826 | 222 | 175 | 50.0 | 4 | 0.14 | 14600 | F-M8 |
| 2TS202500 | 20 OPzS 2500 | 2 | 2800 | 2800 | 3671 | 212 | 487 | 772 | 826 | 222 | 181 | 51.0 | 4 | 0.12 | 16500 | F-M8 |
| 2TS243000 | 24 OPzS 3000 | 2 | 3352 | 3350 | 4404 | 212 | 576 | 772 | 826 | 222 | 220 | 64.0 | 4 | 0.10 | 19200 | F-M8 |
| 2TS283500 | 28 OPzS 3500 | 2 | 3904 | 3900 | 5135 | 212 | 576 | 772 | 826 | 222 | 240 | 80.0 | 4 | 0.10 | 20500 | F-M8 |

Acid density $d_N = 1.24-1.25 \text{ kg/l}$

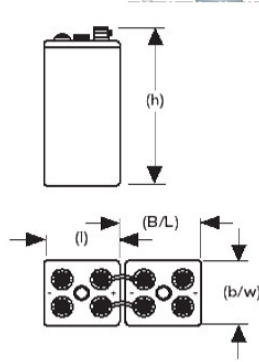
High Reliability Post Seal



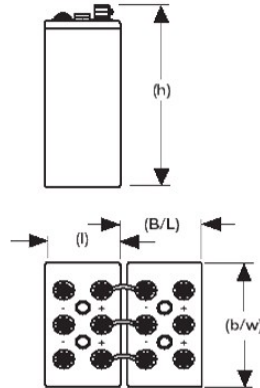
Container: SAN (acrylonitrile polystyrene), UL 94 V-0 standard



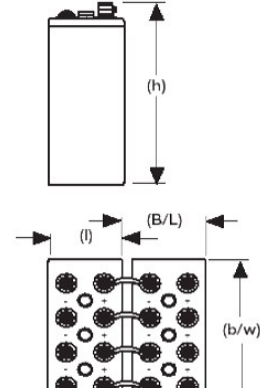
2 OPzS 100 up to 6 OPzS 600



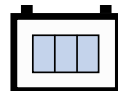
8 OPzS 800 up to 15 OPzS 1875



16 OPzS 2000



18 OPzS 2250 up to 24 OPzS 3500

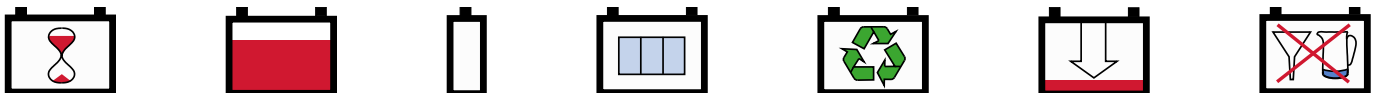


EverExceed Tubular OPzS Range Cell Discharge Data Amperes at 20°C

| Part Number | DIN Type | Discharge Data Amps @ 20°C to 1.90VPC | | | | | | | | | | | | | |
|-------------|--------------|---------------------------------------|--------|--------|--------|--------|-------------------------|----------|--------|--------|--------|--------|--------|---------|---------|
| | | Discharge Time in Minutes | | | | | Discharge Time in hours | | | | | | | | |
| | | 5 min | 10 min | 15 min | 20 min | 30 min | 1 hour | 1.5 hour | 2 hour | 3 hour | 4 hour | 5 hour | 8 hour | 10 hour | 20 hour |
| 2TS020100 | 2 OPzS 100 | 78.4 | 77.0 | 72.2 | 67.9 | 61.9 | 48.6 | 40.6 | 34.5 | 27.2 | 22.2 | 19.0 | 13.4 | 11.1 | 5.99 |
| 2TS030150 | 3 OPzS 150 | 101 | 99.8 | 93.6 | 87.0 | 79.2 | 62.9 | 52.5 | 45.1 | 35.4 | 29.1 | 24.9 | 17.7 | 14.6 | 7.98 |
| 2TS040200 | 4 OPzS 200 | 128 | 127 | 119 | 112 | 102 | 80.1 | 66.9 | 57.4 | 45.1 | 37.1 | 31.6 | 22.5 | 18.7 | 10.1 |
| 2TS050250 | 5 OPzS 250 | 155 | 153 | 143 | 135 | 124 | 97.9 | 82.0 | 70.8 | 55.3 | 45.5 | 39.0 | 27.7 | 23.1 | 12.5 |
| 2TS060300 | 6 OPzS 300 | 180 | 177 | 166 | 158 | 144 | 115 | 96.9 | 84.0 | 65.3 | 53.7 | 46.3 | 33.0 | 27.6 | 14.9 |
| 2TS050350 | 5 OPzS 350 | 181 | 178 | 171 | 165 | 152 | 128 | 109 | 94.8 | 75.8 | 63.2 | 54.9 | 39.6 | 33.1 | 18.3 |
| 2TS060420 | 6 OPzS 420 | 205 | 203 | 197 | 191 | 177 | 149 | 128 | 112 | 90.8 | 75.7 | 65.7 | 47.5 | 39.6 | 21.9 |
| 2TS070490 | 7 OPzS 490 | 235 | 233 | 224 | 218 | 202 | 170 | 148 | 129 | 105 | 87.9 | 76.6 | 55.3 | 46.1 | 25.6 |
| 2TS060600 | 6 OPzS 600 | 265 | 263 | 254 | 244 | 227 | 197 | 172 | 155 | 124 | 105 | 93.6 | 69.3 | 59.2 | 32.8 |
| 2TS080800 | 8 OPzS 800 | 383 | 376 | 359 | 347 | 320 | 276 | 239 | 211 | 169 | 144 | 127 | 93.2 | 79.2 | 43.8 |
| 2TS101000 | 10 OPzS 1000 | 460 | 456 | 438 | 422 | 391 | 337 | 294 | 262 | 210 | 179 | 159 | 117 | 98.8 | 54.9 |
| 2TS121200 | 12 OPzS 1200 | 534 | 530 | 511 | 492 | 458 | 395 | 347 | 312 | 251 | 214 | 188 | 140 | 119 | 66.0 |
| 2TS121500 | 12 OPzS 1500 | 496 | 495 | 485 | 473 | 455 | 398 | 366 | 334 | 377 | 244 | 219 | 164 | 141 | 75.8 |
| 2TS141750 | 14 OPzS 1750 | 525 | 524 | 514 | 505 | 483 | 422 | 388 | 353 | 298 | 258 | 233 | 174 | 149 | 80.3 |
| 2TS151875 | 15 OPzS 1875 | 563 | 561 | 551 | 542 | 517 | 452 | 415 | 379 | 319 | 276 | 250 | 186 | 160 | 86.0 |
| 2TS162000 | 16 OPzS 2000 | 716 | 714 | 694 | 676 | 642 | 549 | 499 | 449 | 372 | 322 | 290 | 218 | 186 | 99.8 |
| 2TS162250 | 18 OPzS 2250 | 751 | 750 | 731 | 711 | 676 | 584 | 533 | 482 | 406 | 352 | 316 | 237 | 202 | 109 |
| 2TS202500 | 20 OPzS 2500 | 890 | 889 | 865 | 841 | 740 | 684 | 621 | 560 | 464 | 402 | 361 | 270 | 232 | 125 |
| 2TS243000 | 24 OPzS 3000 | 1026 | 1021 | 998 | 969 | 923 | 799 | 728 | 658 | 555 | 481 | 432 | 323 | 277 | 149 |
| 2TS283500 | 28 OPzS 3500 | 1150 | 1140 | 1119 | 1085 | 1119 | 907 | 830 | 752 | 645 | 560 | 503 | 376 | 322 | 173 |

| Part Number | DIN Type | Discharge Data Amps @ 20°C to 1.87VPC | | | | | | | | | | | | | |
|-------------|--------------|---------------------------------------|--------|--------|--------|--------|-------------------------|----------|--------|--------|--------|--------|--------|---------|---------|
| | | Discharge Time in Minutes | | | | | Discharge Time in hours | | | | | | | | |
| | | 5 min | 10 min | 15 min | 20 min | 30 min | 1 hour | 1.5 hour | 2 hour | 3 hour | 4 hour | 5 hour | 8 hour | 10 hour | 20 hour |
| 2TS020100 | 2 OPzS 100 | 85.9 | 84.1 | 78.4 | 73.8 | 66.7 | 51.7 | 43.1 | 36.5 | 28.7 | 23.4 | 20.0 | 14.0 | 11.7 | 6.30 |
| 2TS030150 | 3 OPzS 150 | 111 | 109 | 102 | 94.0 | 85.0 | 67.0 | 55.7 | 47.7 | 37.4 | 30.7 | 26.2 | 18.5 | 15.4 | 8.34 |
| 2TS040200 | 4 OPzS 200 | 141 | 139 | 129 | 122 | 110 | 85.2 | 71.0 | 60.8 | 47.7 | 39.1 | 33.3 | 23.6 | 19.7 | 10.6 |
| 2TS050250 | 5 OPzS 250 | 170 | 167 | 156 | 147 | 134 | 104 | 87.0 | 74.9 | 58.4 | 47.9 | 41.0 | 29.0 | 24.3 | 13.1 |
| 2TS060300 | 6 OPzS 300 | 198 | 194 | 181 | 172 | 156 | 123 | 103 | 88.9 | 69.0 | 56.6 | 48.6 | 34.5 | 29.0 | 15.6 |
| 2TS050350 | 5 OPzS 350 | 198 | 195 | 187 | 180 | 165 | 138 | 117 | 101 | 80.1 | 66.7 | 57.9 | 41.7 | 34.8 | 19.2 |
| 2TS060420 | 6 OPzS 420 | 225 | 222 | 215 | 208 | 192 | 161 | 137 | 120 | 95.9 | 79.9 | 69.3 | 49.9 | 41.7 | 22.9 |
| 2TS070490 | 7 OPzS 490 | 257 | 254 | 245 | 237 | 220 | 183 | 158 | 138 | 112 | 93.0 | 80.7 | 58.2 | 48.5 | 26.7 |
| 2TS060600 | 6 OPzS 600 | 289 | 286 | 275 | 265 | 246 | 213 | 185 | 166 | 132 | 112 | 98.3 | 72.8 | 62.3 | 34.3 |
| 2TS080800 | 8 OPzS 800 | 420 | 411 | 391 | 376 | 347 | 297 | 257 | 226 | 180 | 153 | 134 | 98.1 | 83.3 | 45.8 |
| 2TS101000 | 10 OPzS 1000 | 503 | 498 | 476 | 458 | 424 | 364 | 316 | 281 | 224 | 189 | 167 | 123 | 104 | 57.4 |
| 2TS121200 | 12 OPzS 1200 | 583 | 577 | 554 | 534 | 496 | 427 | 373 | 284 | 267 | 226 | 198 | 147 | 126 | 69.0 |
| 2TS121500 | 12 OPzS 1500 | 548 | 546 | 534 | 521 | 500 | 434 | 397 | 361 | 350 | 261 | 233 | 174 | 149 | 80.4 |
| 2TS141750 | 14 OPzS 1750 | 580 | 578 | 566 | 554 | 530 | 460 | 421 | 382 | 320 | 276 | 247 | 184 | 158 | 85.2 |
| 2TS151875 | 15 OPzS 1875 | 622 | 619 | 606 | 594 | 567 | 493 | 451 | 409 | 343 | 295 | 265 | 197 | 169 | 91.2 |
| 2TS162000 | 16 OPzS 2000 | 791 | 788 | 765 | 744 | 705 | 599 | 542 | 486 | 400 | 344 | 308 | 231 | 197 | 106 |
| 2TS162250 | 18 OPzS 2250 | 830 | 827 | 805 | 782 | 742 | 636 | 578 | 521 | 436 | 376 | 336 | 251 | 214 | 116 |
| 2TS202500 | 20 OPzS 2500 | 983 | 980 | 953 | 926 | 848 | 745 | 675 | 605 | 498 | 429 | 384 | 286 | 245 | 133 |
| 2TS243000 | 24 OPzS 3000 | 1133 | 1128 | 1099 | 1067 | 1012 | 871 | 790 | 711 | 596 | 514 | 459 | 343 | 293 | 158 |
| 2TS283500 | 28 OPzS 3500 | 1271 | 1263 | 1233 | 1196 | 1175 | 989 | 900 | 813 | 692 | 598 | 535 | 399 | 340 | 184 |

Actual battery performance data may be +/-5% of figures shown above

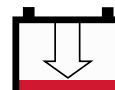
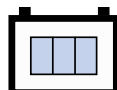


EverExceed Tubular OPzS Range Cell Discharge Data Amperes at 20°C

| Part Number | DIN Type | Discharge Data Amps @ 20°C to 1.85VPC | | | | | | | | | | | | | |
|-------------|--------------|---------------------------------------|--------|--------|--------|--------|-------------------------|----------|--------|--------|--------|--------|--------|---------|---------|
| | | Discharge Time in Minutes | | | | | Discharge Time in hours | | | | | | | | |
| | | 5 min | 10 min | 15 min | 20 min | 30 min | 1 hour | 1.5 hour | 2 hour | 3 hour | 4 hour | 5 hour | 8 hour | 10 hour | 20 hour |
| 2TS020100 | 2 OPzS 100 | 93.4 | 91.2 | 84.5 | 79.7 | 71.4 | 54.8 | 45.5 | 38.5 | 30.2 | 24.6 | 21.0 | 14.6 | 12.3 | 6.60 |
| 2TS030150 | 3 OPzS 150 | 121 | 118 | 110 | 101 | 90.8 | 71.0 | 58.9 | 50.3 | 39.4 | 32.2 | 27.4 | 19.3 | 16.2 | 8.70 |
| 2TS040200 | 4 OPzS 200 | 153 | 150 | 139 | 131 | 118 | 90.3 | 75.0 | 64.1 | 50.2 | 41.0 | 34.9 | 24.6 | 20.6 | 11.0 |
| 2TS050250 | 5 OPzS 250 | 185 | 181 | 168 | 159 | 143 | 110 | 92.0 | 79.0 | 61.5 | 50.3 | 42.9 | 30.3 | 25.5 | 13.7 |
| 2TS060300 | 6 OPzS 300 | 215 | 210 | 195 | 185 | 167 | 130 | 109 | 93.7 | 72.6 | 59.4 | 50.9 | 35.9 | 30.4 | 16.3 |
| 2TS050350 | 5 OPzS 350 | 215 | 211 | 202 | 194 | 178 | 148 | 124 | 107 | 84.4 | 70.2 | 60.8 | 43.7 | 36.5 | 20.0 |
| 2TS060420 | 6 OPzS 420 | 244 | 240 | 232 | 224 | 207 | 172 | 146 | 127 | 101 | 84.0 | 72.8 | 52.3 | 43.7 | 23.9 |
| 2TS070490 | 7 OPzS 490 | 279 | 274 | 265 | 256 | 237 | 196 | 168 | 147 | 118 | 98.1 | 84.8 | 61.0 | 50.9 | 27.8 |
| 2TS060600 | 6 OPzS 600 | 313 | 309 | 296 | 286 | 265 | 228 | 198 | 177 | 140 | 118 | 103 | 76.2 | 65.3 | 35.7 |
| 2TS080800 | 8 OPzS 800 | 457 | 446 | 422 | 405 | 373 | 318 | 275 | 241 | 191 | 161 | 141 | 103 | 87.4 | 47.8 |
| 2TS101000 | 10 OPzS 1000 | 546 | 539 | 513 | 493 | 456 | 390 | 338 | 299 | 237 | 199 | 175 | 128 | 109 | 59.9 |
| 2TS121200 | 12 OPzS 1200 | 631 | 623 | 597 | 575 | 534 | 459 | 399 | 256 | 282 | 237 | 208 | 153 | 132 | 71.9 |
| 2TS121500 | 12 OPzS 1500 | 599 | 596 | 583 | 568 | 544 | 469 | 428 | 388 | 323 | 277 | 246 | 184 | 156 | 85.0 |
| 2TS141750 | 14 OPzS 1750 | 635 | 632 | 617 | 602 | 576 | 497 | 454 | 410 | 342 | 293 | 261 | 194 | 166 | 90.0 |
| 2TS151875 | 15 OPzS 1875 | 680 | 677 | 661 | 645 | 617 | 533 | 486 | 439 | 366 | 314 | 280 | 208 | 178 | 96.4 |
| 2TS162000 | 16 OPzS 2000 | 865 | 861 | 835 | 811 | 768 | 648 | 585 | 522 | 427 | 366 | 326 | 243 | 207 | 112 |
| 2TS162250 | 18 OPzS 2250 | 908 | 903 | 878 | 853 | 808 | 688 | 623 | 559 | 465 | 399 | 355 | 265 | 225 | 122 |
| 2TS202500 | 20 OPzS 2500 | 1075 | 1070 | 1040 | 1010 | 956 | 806 | 728 | 649 | 532 | 456 | 406 | 302 | 258 | 140 |
| 2TS243000 | 24 OPzS 3000 | 1240 | 1235 | 1200 | 1165 | 1100 | 942 | 852 | 764 | 636 | 546 | 486 | 362 | 308 | 167 |
| 2TS283500 | 28 OPzS 3500 | 1391 | 1386 | 1346 | 1306 | 1231 | 1070 | 969 | 874 | 739 | 636 | 566 | 422 | 357 | 194 |

| Part Number | DIN Type | Discharge Data Amps @ 20°C to 1.83VPC | | | | | | | | | | | | | |
|-------------|--------------|---------------------------------------|--------|--------|--------|--------|-------------------------|----------|--------|--------|--------|--------|--------|---------|---------|
| | | Discharge Time in Minutes | | | | | Discharge Time in hours | | | | | | | | |
| | | 5 min | 10 min | 15 min | 20 min | 30 min | 1 hour | 1.5 hour | 2 hour | 3 hour | 4 hour | 5 hour | 8 hour | 10 hour | 20 hour |
| 2TS020100 | 2 OPzS 100 | 104 | 101 | 93.0 | 86.9 | 76.8 | 57.5 | 47.4 | 39.9 | 31.2 | 25.4 | 21.6 | 14.9 | 12.5 | 6.70 |
| 2TS030150 | 3 OPzS 150 | 134 | 130 | 120 | 110 | 97.4 | 74.3 | 61.3 | 52.2 | 40.8 | 33.2 | 28.2 | 19.6 | 16.4 | 8.90 |
| 2TS040200 | 4 OPzS 200 | 171 | 166 | 153 | 143 | 126 | 94.7 | 78.0 | 66.4 | 52.0 | 42.4 | 36.0 | 25.0 | 20.9 | 11.3 |
| 2TS050250 | 5 OPzS 250 | 207 | 201 | 185 | 173 | 154 | 116 | 95.7 | 81.9 | 63.7 | 52.0 | 44.3 | 30.8 | 25.9 | 14.0 |
| 2TS060300 | 6 OPzS 300 | 241 | 231 | 215 | 201 | 180 | 136 | 113 | 97.3 | 75.2 | 61.4 | 52.5 | 36.5 | 30.9 | 16.7 |
| 2TS050350 | 5 OPzS 350 | 238 | 232 | 221 | 213 | 194 | 158 | 131 | 113 | 87.9 | 72.6 | 62.5 | 44.5 | 37.1 | 20.3 |
| 2TS060420 | 6 OPzS 420 | 272 | 265 | 255 | 245 | 225 | 183 | 154 | 133 | 105 | 86.8 | 74.8 | 53.2 | 44.4 | 24.3 |
| 2TS070490 | 7 OPzS 490 | 310 | 303 | 291 | 280 | 257 | 209 | 178 | 154 | 123 | 102 | 87.1 | 62.0 | 51.7 | 28.4 |
| 2TS060600 | 6 OPzS 600 | 347 | 341 | 325 | 312 | 289 | 245 | 211 | 187 | 147 | 123 | 107 | 77.8 | 66.4 | 36.4 |
| 2TS080800 | 8 OPzS 800 | 505 | 493 | 464 | 443 | 407 | 342 | 292 | 255 | 199 | 166 | 145 | 105 | 88.8 | 48.7 |
| 2TS101000 | 10 OPzS 1000 | 605 | 595 | 563 | 539 | 497 | 420 | 360 | 317 | 248 | 207 | 180 | 131 | 111 | 61.0 |
| 2TS121200 | 12 OPzS 1200 | 698 | 686 | 655 | 629 | 583 | 494 | 426 | 376 | 295 | 247 | 215 | 157 | 134 | 73.3 |
| 2TS121500 | 12 OPzS 1500 | 673 | 668 | 652 | 633 | 602 | 513 | 465 | 418 | 343 | 292 | 258 | 191 | 162 | 88.3 |
| 2TS141750 | 14 OPzS 1750 | 713 | 708 | 691 | 671 | 638 | 543 | 493 | 442 | 364 | 310 | 274 | 201 | 172 | 93.4 |
| 2TS151875 | 15 OPzS 1875 | 764 | 759 | 740 | 719 | 684 | 582 | 528 | 474 | 390 | 332 | 294 | 215 | 184 | 100 |
| 2TS162000 | 16 OPzS 2000 | 973 | 966 | 934 | 904 | 850 | 708 | 634 | 562 | 454 | 387 | 342 | 252 | 214 | 116 |
| 2TS162250 | 18 OPzS 2250 | 1015 | 1010 | 982 | 951 | 894 | 752 | 677 | 602 | 495 | 421 | 373 | 275 | 233 | 127 |
| 2TS202500 | 20 OPzS 2500 | 1205 | 1200 | 1165 | 1125 | 1060 | 881 | 790 | 700 | 566 | 482 | 426 | 313 | 267 | 145 |
| 2TS243000 | 24 OPzS 3000 | 1390 | 1380 | 1345 | 1300 | 1220 | 1030 | 924 | 825 | 675 | 575 | 510 | 375 | 319 | 174 |
| 2TS283500 | 28 OPzS 3500 | 1559 | 1543 | 1510 | 1460 | 1365 | 1171 | 1051 | 945 | 783 | 667 | 594 | 437 | 371 | 203 |

Actual battery performance data may be +/-5% of figures shown above

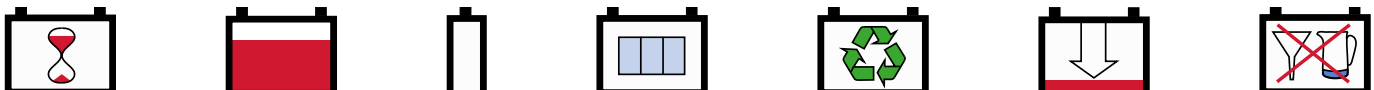


EverExceed Tubular OPzS Range Cell Discharge Data Amperes at 20°C

| Part Number | DIN Type | Discharge Data Amps @ 20°C to 1.80VPC | | | | | | | | | | | | | |
|-------------|--------------|---------------------------------------|--------|--------|--------|--------|-------------------------|----------|--------|--------|--------|--------|--------|---------|---------|
| | | Discharge Time in Minutes | | | | | Discharge Time in hours | | | | | | | | |
| | | 5 min | 10 min | 15 min | 20 min | 30 min | 1 hour | 1.5 hour | 2 hour | 3 hour | 4 hour | 5 hour | 8 hour | 10 hour | 20 hour |
| 2TS020100 | 2 OPzS 100 | 122 | 116 | 106 | 97.7 | 84.8 | 61.5 | 50.1 | 42.0 | 32.8 | 26.6 | 22.6 | 15.3 | 12.8 | 7.00 |
| 2TS030150 | 3 OPzS 150 | 155 | 148 | 135 | 124 | 107 | 79.2 | 64.8 | 54.9 | 42.9 | 34.8 | 29.5 | 20.1 | 16.8 | 9.20 |
| 2TS040200 | 4 OPzS 200 | 199 | 190 | 174 | 161 | 140 | 101 | 82.5 | 69.9 | 54.6 | 44.4 | 37.6 | 25.6 | 21.4 | 11.8 |
| 2TS050250 | 5 OPzS 250 | 241 | 230 | 211 | 195 | 170 | 124 | 101 | 86.3 | 66.9 | 54.5 | 46.3 | 31.6 | 26.5 | 14.6 |
| 2TS060300 | 6 OPzS 300 | 281 | 268 | 245 | 227 | 199 | 146 | 120 | 103 | 79.0 | 64.3 | 54.9 | 37.4 | 31.6 | 17.4 |
| 2TS050350 | 5 OPzS 350 | 273 | 264 | 251 | 240 | 216 | 172 | 141 | 120 | 93.1 | 76.2 | 65.0 | 45.6 | 38.0 | 20.9 |
| 2TS060420 | 6 OPzS 420 | 314 | 303 | 289 | 277 | 252 | 200 | 166 | 142 | 111 | 90.9 | 77.8 | 54.6 | 45.5 | 25.0 |
| 2TS070490 | 7 OPzS 490 | 358 | 346 | 330 | 316 | 287 | 229 | 192 | 164 | 130 | 106 | 90.6 | 63.6 | 53.0 | 29.2 |
| 2TS060600 | 6 OPzS 600 | 398 | 388 | 368 | 352 | 325 | 271 | 232 | 202 | 156 | 129 | 112 | 80.2 | 68.0 | 37.4 |
| 2TS080800 | 8 OPzS 800 | 572 | 564 | 528 | 501 | 457 | 378 | 319 | 277 | 211 | 175 | 152 | 108 | 91.0 | 50.1 |
| 2TS101000 | 10 OPzS 1000 | 695 | 678 | 639 | 609 | 559 | 464 | 394 | 343 | 263 | 218 | 189 | 135 | 114 | 62.7 |
| 2TS121200 | 12 OPzS 1200 | 800 | 781 | 741 | 710 | 655 | 547 | 467 | 407 | 315 | 261 | 225 | 162 | 137 | 75.4 |
| 2TS121500 | 12 OPzS 1500 | 785 | 777 | 756 | 731 | 690 | 578 | 520 | 462 | 374 | 316 | 277 | 201 | 170 | 93.2 |
| 2TS141750 | 14 OPzS 1750 | 831 | 823 | 801 | 774 | 731 | 612 | 551 | 490 | 396 | 334 | 293 | 212 | 180 | 98.6 |
| 2TS151875 | 15 OPzS 1875 | 890 | 882 | 858 | 829 | 783 | 656 | 590 | 525 | 424 | 358 | 314 | 227 | 193 | 106 |
| 2TS162000 | 16 OPzS 2000 | 1135 | 1125 | 1080 | 1040 | 974 | 798 | 709 | 622 | 495 | 418 | 367 | 265 | 225 | 123 |
| 2TS162250 | 18 OPzS 2250 | 1185 | 1175 | 1140 | 1095 | 1025 | 848 | 757 | 666 | 539 | 455 | 399 | 289 | 245 | 134 |
| 2TS202500 | 20 OPzS 2500 | 1390 | 1375 | 1345 | 1300 | 1210 | 993 | 884 | 775 | 616 | 520 | 456 | 330 | 280 | 153 |
| 2TS243000 | 24 OPzS 3000 | 1620 | 1605 | 1555 | 1500 | 1400 | 1160 | 1035 | 911 | 737 | 622 | 546 | 395 | 335 | 184 |
| 2TS283500 | 28 OPzS 3500 | 1836 | 1821 | 1748 | 1683 | 1575 | 1317 | 1178 | 1041 | 857 | 723 | 636 | 460 | 390 | 215 |

| Part Number | DIN Type | Discharge Data Amps @ 20°C to 1.75VPC | | | | | | | | | | | | | |
|-------------|--------------|---------------------------------------|--------|--------|--------|--------|-------------------------|----------|--------|--------|--------|--------|--------|---------|---------|
| | | Discharge Time in Minutes | | | | | Discharge Time in hours | | | | | | | | |
| | | 5 min | 10 min | 15 min | 20 min | 30 min | 1 hour | 1.5 hour | 2 hour | 3 hour | 4 hour | 5 hour | 8 hour | 10 hour | 20 hour |
| 2TS020100 | 2 OPzS 100 | 147 | 137 | 125 | 113 | 96.1 | 66.4 | 52.9 | 44.2 | 34.3 | 27.7 | 23.5 | 15.9 | 13.1 | 7.20 |
| 2TS030150 | 3 OPzS 150 | 188 | 175 | 158 | 144 | 122 | 85.3 | 68.5 | 57.8 | 44.9 | 36.4 | 30.7 | 21.0 | 17.3 | 9.50 |
| 2TS040200 | 4 OPzS 200 | 243 | 226 | 205 | 186 | 158 | 109 | 87.2 | 73.5 | 57.1 | 46.3 | 39.1 | 26.7 | 22.1 | 12.1 |
| 2TS050250 | 5 OPzS 250 | 294 | 274 | 249 | 225 | 193 | 134 | 107 | 90.8 | 70.0 | 56.8 | 48.1 | 32.9 | 27.3 | 15.0 |
| 2TS060300 | 6 OPzS 300 | 343 | 319 | 290 | 263 | 226 | 158 | 127 | 108 | 82.6 | 67.0 | 57.1 | 39.0 | 32.6 | 17.8 |
| 2TS050350 | 5 OPzS 350 | 333 | 316 | 296 | 281 | 247 | 190 | 153 | 129 | 97.3 | 79.7 | 68.0 | 47.1 | 39.1 | 21.5 |
| 2TS060420 | 6 OPzS 420 | 383 | 364 | 341 | 323 | 288 | 221 | 180 | 152 | 116 | 95.0 | 81.4 | 56.4 | 46.9 | 25.7 |
| 2TS070490 | 7 OPzS 490 | 438 | 416 | 390 | 369 | 328 | 252 | 207 | 176 | 136 | 111 | 94.9 | 65.7 | 54.6 | 29.9 |
| 2TS060600 | 6 OPzS 600 | 480 | 462 | 437 | 416 | 381 | 306 | 258 | 220 | 167 | 136 | 116 | 83.0 | 70.0 | 38.4 |
| 2TS080800 | 8 OPzS 800 | 703 | 677 | 630 | 592 | 534 | 430 | 353 | 303 | 226 | 184 | 157 | 112 | 92.8 | 51.4 |
| 2TS101000 | 10 OPzS 1000 | 843 | 812 | 761 | 719 | 654 | 526 | 438 | 374 | 281 | 229 | 196 | 140 | 117 | 64.4 |
| 2TS121200 | 12 OPzS 1200 | 968 | 932 | 881 | 838 | 767 | 617 | 521 | 443 | 336 | 273 | 233 | 167 | 141 | 77.4 |
| 2TS121500 | 12 OPzS 1500 | 966 | 952 | 923 | 884 | 824 | 676 | 598 | 524 | 413 | 346 | 301 | 212 | 178 | 97.4 |
| 2TS141750 | 14 OPzS 1750 | 1025 | 1010 | 977 | 936 | 873 | 716 | 634 | 554 | 437 | 366 | 319 | 225 | 188 | 103 |
| 2TS151875 | 15 OPzS 1875 | 1098 | 1082 | 1047 | 1003 | 935 | 767 | 679 | 594 | 468 | 392 | 342 | 241 | 201 | 110 |
| 2TS162000 | 16 OPzS 2000 | 1395 | 1375 | 1320 | 1260 | 1165 | 933 | 817 | 705 | 547 | 458 | 398 | 281 | 235 | 129 |
| 2TS162250 | 18 OPzS 2250 | 1460 | 1440 | 1390 | 1325 | 1225 | 993 | 871 | 755 | 595 | 498 | 434 | 306 | 256 | 141 |
| 2TS202500 | 20 OPzS 2500 | 1735 | 1710 | 1645 | 1565 | 1450 | 1165 | 1015 | 877 | 680 | 569 | 496 | 350 | 293 | 161 |
| 2TS243000 | 24 OPzS 3000 | 2000 | 1970 | 1900 | 1810 | 1675 | 1360 | 1190 | 1030 | 814 | 681 | 593 | 419 | 350 | 192 |
| 2TS283500 | 28 OPzS 3500 | 2241 | 2206 | 2134 | 2035 | 1881 | 1544 | 1356 | 1176 | 947 | 792 | 689 | 488 | 406 | 223 |

Actual battery performance data may be +/-5% of figures shown above

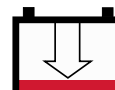
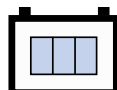


EverExceed Tubular OPzS Range Cell Discharge Data Amperes at 20°C

| Part Number | DIN Type | Discharge Data Amps @ 20°C to 1.70VPC | | | | | | | | | | | | | |
|-------------|--------------|---------------------------------------|--------|--------|--------|--------|-------------------------|----------|--------|--------|--------|--------|--------|---------|---------|
| | | Discharge Time in Minutes | | | | | Discharge Time in hours | | | | | | | | |
| | | 5 min | 10 min | 15 min | 20 min | 30 min | 1 hour | 1.5 hour | 2 hour | 3 hour | 4 hour | 5 hour | 8 hour | 10 hour | 20 hour |
| 2TS020100 | 2 OPzS 100 | 173 | 157 | 139 | 125 | 105 | 69.7 | 54.8 | 45.2 | 35.2 | 28.3 | 23.9 | 16.0 | 13.3 | 7.30 |
| 2TS030150 | 3 OPzS 150 | 220 | 200 | 177 | 160 | 134 | 89.4 | 71.0 | 59.1 | 46.0 | 37.0 | 31.2 | 21.1 | 17.5 | 9.60 |
| 2TS040200 | 4 OPzS 200 | 284 | 258 | 229 | 206 | 172 | 115 | 90.3 | 75.2 | 58.6 | 47.3 | 39.7 | 26.9 | 22.3 | 12.2 |
| 2TS050250 | 5 OPzS 250 | 344 | 313 | 278 | 250 | 210 | 141 | 111 | 93.0 | 71.8 | 57.9 | 48.9 | 33.1 | 27.6 | 15.1 |
| 2TS060300 | 6 OPzS 300 | 403 | 366 | 325 | 292 | 247 | 166 | 132 | 111 | 84.8 | 68.4 | 58.0 | 39.3 | 32.9 | 18.0 |
| 2TS050350 | 5 OPzS 350 | 394 | 368 | 339 | 316 | 274 | 202 | 161 | 134 | 100 | 81.4 | 69.5 | 47.1 | 39.9 | 22.0 |
| 2TS060420 | 6 OPzS 420 | 453 | 423 | 390 | 364 | 319 | 235 | 189 | 158 | 120 | 97.7 | 83.3 | 57.8 | 47.8 | 26.4 |
| 2TS070490 | 7 OPzS 490 | 517 | 483 | 446 | 416 | 364 | 269 | 218 | 183 | 140 | 114 | 97.0 | 67.3 | 55.7 | 30.7 |
| 2TS060600 | 6 OPzS 600 | 562 | 535 | 507 | 479 | 433 | 337 | 279 | 233 | 173 | 139 | 118 | 84.3 | 70.7 | 39.1 |
| 2TS080800 | 8 OPzS 800 | 824 | 785 | 728 | 678 | 606 | 471 | 379 | 322 | 237 | 190 | 160 | 114 | 94.6 | 52.3 |
| 2TS101000 | 10 OPzS 1000 | 988 | 941 | 881 | 826 | 743 | 577 | 471 | 397 | 294 | 237 | 199 | 142 | 119 | 65.6 |
| 2TS121200 | 12 OPzS 1200 | 1135 | 1080 | 1020 | 964 | 873 | 678 | 562 | 469 | 349 | 281 | 237 | 170 | 142 | 78.8 |
| 2TS121500 | 12 OPzS 1500 | 1145 | 1125 | 1085 | 1030 | 950 | 768 | 665 | 573 | 442 | 367 | 318 | 219 | 182 | 100 |
| 2TS141750 | 14 OPzS 1750 | 1215 | 1190 | 1150 | 1090 | 1005 | 814 | 704 | 607 | 468 | 389 | 337 | 232 | 193 | 106 |
| 2TS151875 | 15 OPzS 1875 | 1302 | 1275 | 1232 | 1168 | 1077 | 872 | 754 | 650 | 501 | 417 | 361 | 249 | 207 | 114 |
| 2TS162000 | 16 OPzS 2000 | 1655 | 1625 | 1555 | 1470 | 1345 | 1060 | 907 | 771 | 585 | 486 | 421 | 290 | 241 | 132 |
| 2TS162250 | 18 OPzS 2250 | 1735 | 1700 | 1635 | 1545 | 1410 | 1125 | 968 | 826 | 637 | 529 | 458 | 316 | 262 | 144 |
| 2TS202500 | 20 OPzS 2500 | 2060 | 2020 | 1930 | 1830 | 1670 | 1320 | 1130 | 960 | 728 | 605 | 524 | 361 | 300 | 165 |
| 2TS243000 | 24 OPzS 3000 | 2375 | 2330 | 2230 | 2115 | 1930 | 1540 | 1325 | 1130 | 871 | 723 | 626 | 462 | 358 | 197 |
| 2TS283500 | 28 OPzS 3500 | 2662 | 2613 | 2505 | 2376 | 2169 | 1747 | 1510 | 1293 | 1013 | 840 | 727 | 575 | 415 | 229 |

| Part Number | DIN Type | Discharge Data Amps @ 20°C to 1.65VPC | | | | | | | | | | | | | |
|-------------|--------------|---------------------------------------|--------|--------|--------|--------|-------------------------|----------|--------|--------|--------|--------|--------|---------|---------|
| | | Discharge Time in Minutes | | | | | Discharge Time in hours | | | | | | | | |
| | | 5 min | 10 min | 15 min | 20 min | 30 min | 1 hour | 1.5 hour | 2 hour | 3 hour | 4 hour | 5 hour | 8 hour | 10 hour | 20 hour |
| 2TS020100 | 2 OPzS 100 | 196 | 174 | 151 | 135 | 111 | 71.8 | 55.8 | 46.4 | 35.7 | 28.6 | 24.1 | 16.1 | 13.4 | 7.40 |
| 2TS030150 | 3 OPzS 150 | 249 | 221 | 194 | 172 | 142 | 91.7 | 72.3 | 60.1 | 46.7 | 37.5 | 31.5 | 21.2 | 17.6 | 9.70 |
| 2TS040200 | 4 OPzS 200 | 322 | 286 | 249 | 222 | 182 | 118 | 92.0 | 76.4 | 59.4 | 47.7 | 40.1 | 27.0 | 22.4 | 12.3 |
| 2TS050250 | 5 OPzS 250 | 392 | 348 | 303 | 270 | 222 | 145 | 113 | 94.6 | 72.8 | 58.6 | 49.4 | 33.2 | 27.7 | 15.2 |
| 2TS060300 | 6 OPzS 300 | 458 | 407 | 355 | 315 | 261 | 171 | 134 | 113 | 86.0 | 69.3 | 58.6 | 39.4 | 33.0 | 18.1 |
| 2TS050350 | 5 OPzS 350 | 454 | 417 | 379 | 349 | 297 | 211 | 167 | 137 | 103 | 82.9 | 69.9 | 47.2 | 40.0 | 22.1 |
| 2TS060420 | 6 OPzS 420 | 522 | 480 | 437 | 402 | 346 | 246 | 196 | 162 | 123 | 99.1 | 83.7 | 57.9 | 47.9 | 26.5 |
| 2TS070490 | 7 OPzS 490 | 596 | 548 | 499 | 459 | 395 | 280 | 226 | 187 | 143 | 115 | 97.5 | 67.4 | 55.8 | 30.9 |
| 2TS060600 | 6 OPzS 600 | 643 | 605 | 576 | 541 | 482 | 364 | 294 | 243 | 177 | 141 | 119 | 86.5 | 71.4 | 39.4 |
| 2TS080800 | 8 OPzS 800 | 945 | 890 | 824 | 760 | 673 | 502 | 399 | 335 | 244 | 194 | 162 | 117 | 95.6 | 52.8 |
| 2TS101000 | 10 OPzS 1000 | 1130 | 1065 | 999 | 929 | 826 | 620 | 496 | 414 | 302 | 241 | 201 | 147 | 120 | 66.1 |
| 2TS121200 | 12 OPzS 1200 | 1295 | 1220 | 1160 | 1090 | 971 | 733 | 592 | 490 | 358 | 286 | 240 | 176 | 144 | 79.5 |
| 2TS121500 | 12 OPzS 1500 | 1330 | 1300 | 1240 | 1175 | 1070 | 853 | 721 | 612 | 462 | 382 | 330 | 223 | 184 | 101 |
| 2TS141750 | 14 OPzS 1750 | 1410 | 1375 | 1315 | 1245 | 1135 | 904 | 763 | 648 | 490 | 405 | 349 | 236 | 194 | 107 |
| 2TS151875 | 15 OPzS 1875 | 1511 | 1473 | 1409 | 1334 | 1216 | 969 | 818 | 694 | 525 | 434 | 374 | 253 | 208 | 115 |
| 2TS162000 | 16 OPzS 2000 | 1920 | 1875 | 1775 | 1675 | 1510 | 1180 | 984 | 824 | 612 | 506 | 436 | 295 | 243 | 133 |
| 2TS162250 | 18 OPzS 2250 | 2015 | 1965 | 1870 | 1765 | 1590 | 1250 | 1050 | 882 | 666 | 550 | 475 | 321 | 265 | 145 |
| 2TS202500 | 20 OPzS 2500 | 2390 | 2335 | 2215 | 2090 | 1885 | 1465 | 1220 | 1025 | 762 | 630 | 543 | 367 | 302 | 166 |
| 2TS243000 | 24 OPzS 3000 | 2755 | 2690 | 2555 | 2415 | 2175 | 1710 | 1435 | 1205 | 911 | 753 | 650 | 439 | 362 | 199 |
| 2TS283500 | 28 OPzS 3500 | 3088 | 3013 | 2865 | 2713 | 2440 | 1941 | 1641 | 1377 | 1059 | 875 | 756 | 511 | 422 | 232 |

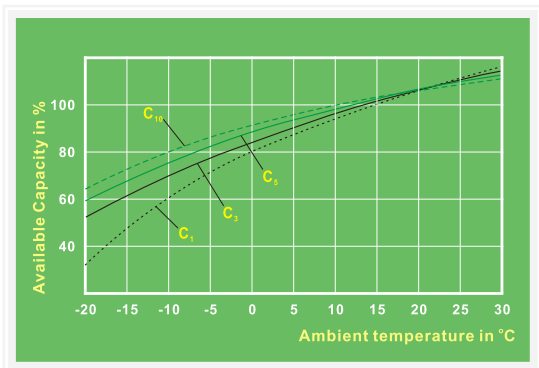
Actual battery performance data may be +/-5% of figures shown above



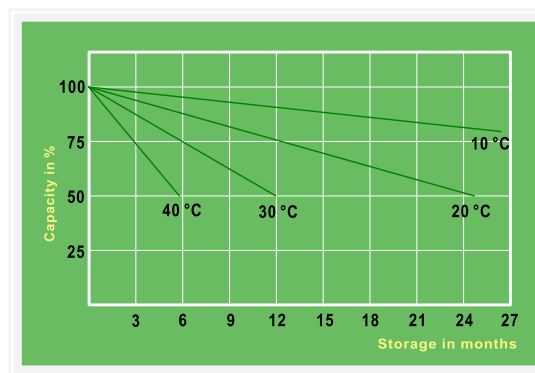
EverExceed Tubular OPzS Range Cell Discharge Data Amperes at 20°C

| Part Number | DIN Type | Discharge Data Amps @ 20°C to 1.60VPC | | | | | | | | | | | | | |
|-------------|--------------|---------------------------------------|--------|--------|--------|--------|-------------------------|----------|--------|--------|--------|--------|--------|---------|---------|
| | | Discharge Time in Minutes | | | | | Discharge Time in hours | | | | | | | | |
| | | 5 min | 10 min | 15 min | 20 min | 30 min | 1 hour | 1.5 hour | 2 hour | 3 hour | 4 hour | 5 hour | 8 hour | 10 hour | 20 hour |
| 2TS020100 | 2 OPzS 100 | 216 | 188 | 162 | 143 | 116 | 73.3 | 56.4 | 46.5 | 36.0 | 29.4 | 24.0 | 16.2 | 13.5 | 7.42 |
| 2TS030150 | 3 OPzS 150 | 275 | 239 | 207 | 182 | 147 | 93.4 | 72.9 | 60.7 | 47.0 | 37.3 | 31.4 | 21.3 | 17.7 | 9.72 |
| 2TS040200 | 4 OPzS 200 | 355 | 309 | 267 | 235 | 190 | 121 | 92.8 | 77.3 | 59.9 | 47.6 | 39.9 | 27.1 | 22.5 | 12.4 |
| 2TS050250 | 5 OPzS 250 | 434 | 377 | 325 | 286 | 232 | 148 | 114 | 95.7 | 73.4 | 58.8 | 49.6 | 33.2 | 27.7 | 15.2 |
| 2TS060300 | 6 OPzS 300 | 508 | 442 | 381 | 335 | 272 | 176 | 136 | 114 | 86.6 | 68.8 | 58.3 | 39.6 | 33.3 | 18.3 |
| 2TS050350 | 5 OPzS 350 | 515 | 466 | 418 | 377 | 319 | 217 | 171 | 139 | 105 | 83.4 | 69.2 | 47.5 | 40.5 | 22.6 |
| 2TS060420 | 6 OPzS 420 | 592 | 536 | 481 | 435 | 370 | 253 | 200 | 165 | 125 | 99.3 | 82.8 | 58.2 | 48.6 | 27.1 |
| 2TS070490 | 7 OPzS 490 | 676 | 612 | 549 | 496 | 423 | 288 | 231 | 190 | 146 | 116 | 96.5 | 67.8 | 56.7 | 31.5 |
| 2TS060600 | 6 OPzS 600 | 723 | 673 | 645 | 602 | 528 | 388 | 305 | 252 | 179 | 142 | 119 | 87.2 | 72.4 | 40.4 |
| 2TS080800 | 8 OPzS 800 | 1065 | 992 | 917 | 837 | 737 | 524 | 416 | 342 | 248 | 195 | 162 | 118 | 96.6 | 53.6 |
| 2TS101000 | 10 OPzS 1000 | 1270 | 1185 | 1115 | 1030 | 905 | 653 | 516 | 426 | 305 | 242 | 201 | 148 | 122 | 67.2 |
| 2TS121200 | 12 OPzS 1200 | 1455 | 1355 | 1300 | 1215 | 1065 | 781 | 614 | 508 | 360 | 286 | 240 | 178 | 146 | 80.5 |
| 2TS121500 | 12 OPzS 1500 | 1515 | 1470 | 1395 | 1320 | 1190 | 933 | 767 | 642 | 476 | 391 | 337 | 224 | 185 | 103 |
| 2TS141750 | 14 OPzS 1750 | 1605 | 1560 | 1475 | 1395 | 1260 | 988 | 812 | 680 | 504 | 414 | 356 | 238 | 196 | 108 |
| 2TS151875 | 15 OPzS 1875 | 1720 | 1671 | 1580 | 1495 | 1350 | 1059 | 870 | 729 | 540 | 444 | 381 | 255 | 210 | 117 |
| 2TS162000 | 16 OPzS 2000 | 2185 | 2125 | 1995 | 1880 | 1680 | 1290 | 1045 | 864 | 630 | 518 | 445 | 297 | 245 | 135 |
| 2TS162250 | 18 OPzS 2250 | 2290 | 2225 | 2100 | 1975 | 1765 | 1370 | 1115 | 926 | 686 | 564 | 485 | 323 | 267 | 147 |
| 2TS202500 | 20 OPzS 2500 | 2725 | 2645 | 2485 | 2340 | 2090 | 1600 | 1305 | 1080 | 784 | 645 | 554 | 370 | 304 | 168 |
| 2TS243000 | 24 OPzS 3000 | 3135 | 3045 | 2870 | 2705 | 2415 | 1875 | 1525 | 1265 | 938 | 771 | 663 | 442 | 364 | 201 |
| 2TS283500 | 28 OPzS 3500 | 3507 | 3408 | 3223 | 3040 | 2713 | 2136 | 1733 | 1441 | 1091 | 896 | 771 | 513 | 424 | 234 |

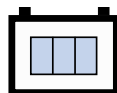
Actual battery performance data may be +/-5% of figures shown above



Available capacity in relation to ambient temperature



Self-discharge in relation to the storage temperature

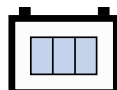


EverExceed Tubular OPzS Range Cell Discharge Data Watts at 20°C

| Part Number | DIN Type | Discharge Data Watts @ 20°C to 1.90VPC | | | | | | | | | | | | | |
|-------------|--------------|--|--------|--------|--------|--------|-------------------------|----------|--------|--------|--------|--------|--------|---------|---------|
| | | Discharge Time in Minutes | | | | | Discharge Time in hours | | | | | | | | |
| | | 3 min | 10 min | 15 min | 20 min | 30 min | 1 hour | 1.5 hour | 2 hour | 3 hour | 4 hour | 5 hour | 8 hour | 10 hour | 20 hour |
| 2TS020100 | 2 OPzS 100 | 126 | 126 | 120 | 113 | 107 | 87.9 | 74.3 | 64.0 | 50.8 | 42.1 | 36.6 | 26.4 | 21.5 | 12.0 |
| 2TS030150 | 3 OPzS 150 | 163 | 163 | 156 | 147 | 138 | 114 | 96.2 | 83.7 | 66.4 | 55.4 | 47.9 | 34.8 | 28.4 | 15.8 |
| 2TS040200 | 4 OPzS 200 | 207 | 207 | 198 | 187 | 176 | 145 | 122 | 106 | 84.5 | 70.4 | 60.9 | 44.3 | 36.1 | 20.1 |
| 2TS050250 | 5 OPzS 250 | 249 | 249 | 239 | 225 | 214 | 176 | 150 | 131 | 104 | 86.4 | 75.1 | 54.6 | 44.7 | 24.9 |
| 2TS060300 | 6 OPzS 300 | 288 | 288 | 277 | 262 | 250 | 207 | 177 | 156 | 122 | 102 | 89.1 | 64.8 | 53.3 | 29.7 |
| 2TS050350 | 5 OPzS 350 | 290 | 290 | 281 | 276 | 255 | 222 | 194 | 171 | 142 | 119 | 104 | 76.5 | 63.9 | 36.4 |
| 2TS060420 | 6 OPzS 420 | 334 | 334 | 323 | 317 | 296 | 258 | 228 | 202 | 170 | 142 | 125 | 91.6 | 76.5 | 43.6 |
| 2TS070490 | 7 OPzS 490 | 381 | 381 | 369 | 362 | 338 | 295 | 263 | 234 | 198 | 166 | 146 | 107 | 89.1 | 50.8 |
| 2TS060600 | 6 OPzS 600 | 434 | 434 | 426 | 410 | 384 | 336 | 301 | 274 | 227 | 197 | 179 | 134 | 114 | 65.1 |
| 2TS080800 | 8 OPzS 800 | 614 | 614 | 594 | 582 | 540 | 478 | 418 | 375 | 310 | 269 | 243 | 180 | 153 | 87.1 |
| 2TS101000 | 10 OPzS 1000 | 748 | 748 | 729 | 709 | 660 | 582 | 514 | 464 | 385 | 335 | 302 | 225 | 192 | 109 |
| 2TS121200 | 12 OPzS 1200 | 874 | 874 | 857 | 827 | 774 | 678 | 605 | 551 | 458 | 400 | 360 | 270 | 230 | 131 |
| 2TS121500 | 12 OPzS 1500 | 775 | 775 | 764 | 749 | 728 | 655 | 615 | 570 | 496 | 441 | 403 | 306 | 268 | 143 |
| 2TS141750 | 14 OPzS 1750 | 821 | 821 | 809 | 813 | 772 | 695 | 645 | 605 | 525 | 466 | 428 | 325 | 284 | 151 |
| 2TS151875 | 15 OPzS 1875 | 1050 | 1050 | 1027 | 1003 | 966 | 848 | 784 | 722 | 615 | 548 | 500 | 381 | 333 | 177 |
| 2TS162000 | 16 OPzS 2000 | 1120 | 1120 | 1095 | 1070 | 1030 | 905 | 836 | 770 | 656 | 584 | 533 | 406 | 355 | 189 |
| 2TS162250 | 18 OPzS 2250 | 1170 | 1170 | 1150 | 1125 | 1080 | 965 | 890 | 824 | 714 | 635 | 582 | 441 | 386 | 206 |
| 2TS202500 | 20 OPzS 2500 | 1390 | 1390 | 1360 | 1330 | 1280 | 1140 | 1040 | 956 | 816 | 726 | 665 | 506 | 441 | 236 |
| 2TS243000 | 24 OPzS 3000 | 1605 | 1605 | 1575 | 1535 | 1480 | 1315 | 1220 | 1125 | 977 | 869 | 795 | 604 | 528 | 282 |
| 2TS283500 | 28 OPzS 3500 | 1873 | 1873 | 1838 | 1791 | 1727 | 1534 | 1423 | 1313 | 1140 | 1014 | 928 | 705 | 616 | 329 |

| Part Number | DIN Type | Discharge Data Watts @ 20°C to 1.87VPC | | | | | | | | | | | | | |
|-------------|--------------|--|--------|--------|--------|--------|-------------------------|----------|--------|--------|--------|--------|--------|---------|---------|
| | | Discharge Time in Minutes | | | | | Discharge Time in hours | | | | | | | | |
| | | 3 min | 10 min | 15 min | 20 min | 30 min | 1 hour | 1.5 hour | 2 hour | 3 hour | 4 hour | 5 hour | 8 hour | 10 hour | 20 hour |
| 2TS020100 | 2 OPzS 100 | 154 | 152 | 143 | 135 | 123 | 97.2 | 81.5 | 69.5 | 55.0 | 45.4 | 39.1 | 27.7 | 23.0 | 12.6 |
| 2TS030150 | 3 OPzS 150 | 198 | 197 | 185 | 172 | 157 | 126 | 105 | 90.9 | 71.9 | 59.4 | 51.0 | 36.6 | 30.4 | 16.6 |
| 2TS040200 | 4 OPzS 200 | 252 | 250 | 235 | 222 | 203 | 160 | 134 | 116 | 91.5 | 75.6 | 65.0 | 46.5 | 38.6 | 21.1 |
| 2TS050250 | 5 OPzS 250 | 304 | 302 | 284 | 268 | 246 | 195 | 165 | 143 | 112 | 92.9 | 80.0 | 57.3 | 47.8 | 26.2 |
| 2TS060300 | 6 OPzS 300 | 353 | 350 | 329 | 311 | 288 | 230 | 194 | 169 | 132 | 109 | 94.9 | 68.0 | 57.0 | 31.2 |
| 2TS050350 | 5 OPzS 350 | 355 | 351 | 338 | 328 | 303 | 256 | 219 | 191 | 154 | 128 | 113 | 81.8 | 68.4 | 38.3 |
| 2TS060420 | 6 OPzS 420 | 404 | 402 | 389 | 378 | 352 | 298 | 257 | 226 | 184 | 154 | 135 | 98.0 | 81.9 | 45.8 |
| 2TS070490 | 7 OPzS 490 | 462 | 458 | 444 | 431 | 401 | 340 | 297 | 261 | 214 | 179 | 157 | 114 | 95.4 | 53.4 |
| 2TS060600 | 6 OPzS 600 | 521 | 519 | 502 | 484 | 452 | 392 | 345 | 311 | 252 | 215 | 192 | 143 | 122 | 68.5 |
| 2TS080800 | 8 OPzS 800 | 753 | 743 | 710 | 687 | 635 | 551 | 480 | 425 | 343 | 294 | 261 | 192 | 164 | 91.6 |
| 2TS101000 | 10 OPzS 1000 | 905 | 899 | 865 | 836 | 777 | 674 | 590 | 527 | 426 | 364 | 324 | 240 | 205 | 115 |
| 2TS121200 | 12 OPzS 1200 | 1050 | 1045 | 1010 | 976 | 910 | 790 | 695 | 627 | 508 | 435 | 386 | 288 | 247 | 138 |
| 2TS121500 | 12 OPzS 1500 | 976 | 974 | 956 | 931 | 838 | 788 | 726 | 665 | 566 | 492 | 443 | 336 | 290 | 158 |
| 2TS141750 | 14 OPzS 1750 | 1030 | 1030 | 1010 | 995 | 889 | 835 | 769 | 703 | 598 | 521 | 472 | 356 | 308 | 167 |
| 2TS151875 | 15 OPzS 1875 | 1059 | 1059 | 1039 | 1023 | 914 | 859 | 791 | 723 | 615 | 536 | 485 | 366 | 317 | 172 |
| 2TS162000 | 16 OPzS 2000 | 1410 | 1405 | 1365 | 1330 | 1185 | 1085 | 990 | 894 | 745 | 649 | 587 | 445 | 384 | 208 |
| 2TS162250 | 18 OPzS 2250 | 1480 | 1475 | 1440 | 1400 | 1245 | 1155 | 1055 | 958 | 813 | 708 | 641 | 484 | 417 | 228 |
| 2TS202500 | 20 OPzS 2500 | 1755 | 1750 | 1700 | 1665 | 1365 | 1355 | 1235 | 1115 | 930 | 810 | 731 | 552 | 478 | 261 |
| 2TS243000 | 24 OPzS 3000 | 2020 | 2010 | 1965 | 1905 | 1700 | 1580 | 1445 | 1310 | 1110 | 969 | 876 | 661 | 572 | 311 |
| 2TS283500 | 28 OPzS 3500 | 2357 | 2345 | 2293 | 2223 | 1983 | 1843 | 1686 | 1528 | 1295 | 1131 | 1022 | 771 | 667 | 363 |

Actual battery performance data may be +/-5% of figures shown above

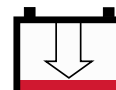
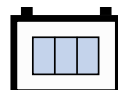


EverExceed Tubular OPzS Range Cell Discharge Data Watts at 20°C

| Part Number | DIN Type | Discharge Data Watts @ 20°C to 1.85VPC | | | | | | | | | | | | | |
|-------------|--------------|--|--------|--------|--------|--------|-------------------------|----------|--------|--------|--------|--------|--------|---------|---------|
| | | Discharge Time in Minutes | | | | | Discharge Time in hours | | | | | | | | |
| | | 3 min | 10 min | 15 min | 20 min | 30 min | 1 hour | 1.5 hour | 2 hour | 3 hour | 4 hour | 5 hour | 8 hour | 10 hour | 20 hour |
| 2TS020100 | 2 OPzS 100 | 172 | 170 | 158 | 149 | 134 | 103 | 86.2 | 73.2 | 57.8 | 47.5 | 40.7 | 28.6 | 24.0 | 13.0 |
| 2TS030150 | 3 OPzS 150 | 223 | 219 | 205 | 189 | 170 | 134 | 112 | 95.7 | 75.5 | 62.1 | 53.1 | 37.7 | 31.7 | 17.2 |
| 2TS040200 | 4 OPzS 200 | 283 | 279 | 260 | 245 | 220 | 170 | 142 | 122 | 96.1 | 79.1 | 67.6 | 48.0 | 40.3 | 21.8 |
| 2TS050250 | 5 OPzS 250 | 342 | 337 | 313 | 296 | 268 | 208 | 174 | 150 | 118 | 97.1 | 83.3 | 59.1 | 49.9 | 27.0 |
| 2TS060300 | 6 OPzS 300 | 397 | 391 | 364 | 345 | 313 | 244 | 206 | 178 | 139 | 114 | 98.8 | 70.2 | 59.5 | 32.2 |
| 2TS050350 | 5 OPzS 350 | 397 | 392 | 376 | 363 | 334 | 279 | 236 | 204 | 162 | 135 | 118 | 85.4 | 71.5 | 39.5 |
| 2TS060420 | 6 OPzS 420 | 451 | 447 | 433 | 418 | 389 | 324 | 277 | 242 | 193 | 162 | 141 | 102 | 85.6 | 47.3 |
| 2TS070490 | 7 OPzS 490 | 516 | 510 | 494 | 477 | 444 | 370 | 319 | 279 | 225 | 189 | 165 | 119 | 99.7 | 55.1 |
| 2TS060600 | 6 OPzS 600 | 579 | 575 | 553 | 533 | 497 | 430 | 375 | 336 | 268 | 227 | 201 | 149 | 128 | 70.7 |
| 2TS080800 | 8 OPzS 800 | 845 | 829 | 787 | 756 | 699 | 599 | 521 | 459 | 366 | 310 | 274 | 201 | 171 | 94.6 |
| 2TS101000 | 10 OPzS 1000 | 1010 | 1000 | 956 | 921 | 854 | 735 | 640 | 569 | 454 | 383 | 339 | 251 | 214 | 119 |
| 2TS121200 | 12 OPzS 1200 | 1170 | 1160 | 1115 | 1075 | 1000 | 866 | 755 | 677 | 540 | 456 | 404 | 300 | 258 | 142 |
| 2TS121500 | 12 OPzS 1500 | 1110 | 1105 | 1080 | 1055 | 1010 | 875 | 801 | 728 | 612 | 526 | 471 | 356 | 304 | 167 |
| 2TS141750 | 14 OPzS 1750 | 1175 | 1170 | 1145 | 1115 | 1070 | 927 | 850 | 770 | 648 | 557 | 500 | 375 | 324 | 177 |
| 2TS151875 | 15 OPzS 1875 | 1500 | 1495 | 1453 | 1411 | 1341 | 1134 | 1027 | 919 | 758 | 652 | 585 | 441 | 379 | 207 |
| 2TS162000 | 16 OPzS 2000 | 1600 | 1595 | 1550 | 1505 | 1430 | 1210 | 1095 | 980 | 809 | 695 | 624 | 470 | 404 | 221 |
| 2TS162250 | 18 OPzS 2250 | 1675 | 1670 | 1630 | 1580 | 1505 | 1285 | 1165 | 1050 | 881 | 758 | 680 | 513 | 439 | 240 |
| 2TS202500 | 20 OPzS 2500 | 1990 | 1980 | 1930 | 1875 | 1780 | 1505 | 1365 | 1220 | 1010 | 866 | 777 | 584 | 503 | 276 |
| 2TS243000 | 24 OPzS 3000 | 2295 | 2285 | 2225 | 2165 | 2045 | 1755 | 1595 | 1435 | 1205 | 1035 | 931 | 700 | 601 | 329 |
| 2TS283500 | 28 OPzS 3500 | 2678 | 2666 | 2596 | 2526 | 2386 | 2048 | 1861 | 1674 | 1406 | 1208 | 1086 | 817 | 701 | 384 |

| Part Number | DIN Type | Discharge Data Watts @ 20°C to 1.83VPC | | | | | | | | | | | | | |
|-------------|--------------|--|--------|--------|--------|--------|-------------------------|----------|--------|--------|--------|--------|--------|---------|---------|
| | | Discharge Time in Minutes | | | | | Discharge Time in hours | | | | | | | | |
| | | 3 min | 10 min | 15 min | 20 min | 30 min | 1 hour | 1.5 hour | 2 hour | 3 hour | 4 hour | 5 hour | 8 hour | 10 hour | 20 hour |
| 2TS020100 | 2 OPzS 100 | 190 | 186 | 172 | 161 | 142 | 108 | 89.2 | 75.6 | 59.6 | 48.8 | 41.8 | 29.0 | 24.3 | 13.3 |
| 2TS030150 | 3 OPzS 150 | 245 | 239 | 221 | 204 | 181 | 139 | 115 | 98.7 | 77.8 | 63.7 | 54.6 | 38.3 | 32.1 | 17.6 |
| 2TS040200 | 4 OPzS 200 | 313 | 306 | 283 | 264 | 235 | 177 | 147 | 126 | 99.1 | 81.4 | 69.5 | 48.7 | 40.9 | 22.4 |
| 2TS050250 | 5 OPzS 250 | 380 | 369 | 342 | 320 | 285 | 217 | 180 | 155 | 121 | 99.8 | 85.6 | 60.0 | 50.6 | 27.7 |
| 2TS060300 | 6 OPzS 300 | 442 | 429 | 397 | 372 | 334 | 255 | 213 | 184 | 143 | 118 | 102 | 71.2 | 60.3 | 33.0 |
| 2TS050350 | 5 OPzS 350 | 435 | 427 | 408 | 393 | 359 | 295 | 247 | 213 | 167 | 139 | 121 | 86.6 | 72.4 | 40.2 |
| 2TS060420 | 6 OPzS 420 | 497 | 488 | 470 | 453 | 418 | 343 | 290 | 252 | 201 | 167 | 145 | 104 | 86.7 | 48.1 |
| 2TS070490 | 7 OPzS 490 | 567 | 557 | 536 | 517 | 477 | 392 | 335 | 291 | 234 | 196 | 168 | 121 | 101 | 56.0 |
| 2TS060600 | 6 OPzS 600 | 635 | 627 | 600 | 577 | 536 | 459 | 398 | 354 | 280 | 235 | 206 | 152 | 130 | 71.9 |
| 2TS080800 | 8 OPzS 800 | 918 | 908 | 857 | 819 | 754 | 639 | 551 | 483 | 380 | 318 | 281 | 205 | 173 | 96.2 |
| 2TS101000 | 10 OPzS 1000 | 1105 | 1095 | 1040 | 996 | 922 | 785 | 679 | 599 | 472 | 396 | 349 | 255 | 217 | 121 |
| 2TS121200 | 12 OPzS 1200 | 1275 | 1265 | 1210 | 1165 | 1080 | 925 | 802 | 712 | 563 | 473 | 415 | 305 | 261 | 145 |
| 2TS121500 | 12 OPzS 1500 | 1225 | 1220 | 1195 | 1165 | 1110 | 949 | 863 | 778 | 647 | 552 | 491 | 368 | 314 | 173 |
| 2TS141750 | 14 OPzS 1750 | 1300 | 1295 | 1270 | 1235 | 1175 | 1005 | 915 | 823 | 686 | 586 | 522 | 387 | 334 | 183 |
| 2TS151875 | 15 OPzS 1875 | 1669 | 1659 | 1608 | 1561 | 1472 | 1228 | 1102 | 980 | 803 | 685 | 610 | 455 | 389 | 213 |
| 2TS162000 | 16 OPzS 2000 | 1780 | 1770 | 1715 | 1665 | 1570 | 1310 | 1175 | 1045 | 856 | 731 | 651 | 485 | 415 | 227 |
| 2TS162250 | 18 OPzS 2250 | 1860 | 1850 | 1800 | 1750 | 1650 | 1390 | 1255 | 1120 | 933 | 796 | 711 | 529 | 452 | 249 |
| 2TS202500 | 20 OPzS 2500 | 2205 | 2195 | 2140 | 2070 | 1955 | 1630 | 1465 | 1305 | 1066 | 911 | 812 | 603 | 518 | 284 |
| 2TS243000 | 24 OPzS 3000 | 2540 | 2525 | 2470 | 2390 | 2250 | 1905 | 1715 | 1535 | 1270 | 1085 | 972 | 722 | 619 | 341 |
| 2TS283500 | 28 OPzS 3500 | 2963 | 2946 | 2882 | 2788 | 2625 | 2223 | 2001 | 1791 | 1482 | 1266 | 1134 | 842 | 722 | 398 |

Actual battery performance data may be +/-5% of figures shown above

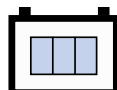


EverExceed Tubular OPzS Range Cell Discharge Data Watts at 20°C

| Part Number | DIN Type | Discharge Data Watts @ 20°C to 1.80VPC | | | | | | | | | | | | | |
|-------------|--------------|--|--------|--------|--------|--------|-------------------------|----------|--------|--------|--------|--------|--------|---------|---------|
| | | Discharge Time in Minutes | | | | | Discharge Time in hours | | | | | | | | |
| | | 3 min | 10 min | 15 min | 20 min | 30 min | 1 hour | 1.5 hour | 2 hour | 3 hour | 4 hour | 5 hour | 8 hour | 10 hour | 20 hour |
| 2TS020100 | 2 OPzS 100 | 220 | 210 | 193 | 178 | 155 | 114 | 93.7 | 79.0 | 62.2 | 50.8 | 43.5 | 29.6 | 24.8 | 13.8 |
| 2TS030150 | 3 OPzS 150 | 279 | 268 | 245 | 226 | 197 | 147 | 121 | 103 | 81.3 | 66.5 | 56.8 | 39.1 | 32.7 | 18.2 |
| 2TS040200 | 4 OPzS 200 | 359 | 346 | 317 | 294 | 256 | 188 | 154 | 131 | 103 | 84.8 | 72.3 | 49.7 | 41.7 | 23.2 |
| 2TS050250 | 5 OPzS 250 | 435 | 418 | 384 | 355 | 311 | 229 | 190 | 162 | 127 | 104 | 89.1 | 61.2 | 51.6 | 28.7 |
| 2TS060300 | 6 OPzS 300 | 507 | 486 | 447 | 414 | 365 | 270 | 224 | 193 | 150 | 123 | 106 | 72.6 | 61.5 | 34.2 |
| 2TS050350 | 5 OPzS 350 | 492 | 479 | 457 | 439 | 397 | 319 | 265 | 226 | 176 | 145 | 125 | 88.5 | 73.9 | 41.2 |
| 2TS060420 | 6 OPzS 420 | 566 | 550 | 526 | 505 | 461 | 371 | 311 | 268 | 211 | 174 | 150 | 106 | 88.5 | 49.3 |
| 2TS070490 | 7 OPzS 490 | 646 | 628 | 601 | 576 | 526 | 424 | 358 | 309 | 246 | 203 | 174 | 123 | 103 | 57.4 |
| 2TS060600 | 6 OPzS 600 | 718 | 703 | 670 | 643 | 596 | 503 | 434 | 380 | 296 | 246 | 215 | 156 | 132 | 73.7 |
| 2TS080800 | 8 OPzS 800 | 1040 | 1025 | 961 | 913 | 837 | 700 | 596 | 520 | 400 | 333 | 292 | 210 | 177 | 98.6 |
| 2TS101000 | 10 OPzS 1000 | 1250 | 1230 | 1165 | 1110 | 1025 | 860 | 737 | 644 | 499 | 415 | 363 | 262 | 222 | 124 |
| 2TS121200 | 12 OPzS 1200 | 1440 | 1415 | 1350 | 1295 | 1200 | 1015 | 874 | 765 | 597 | 497 | 432 | 314 | 266 | 148 |
| 2TS121500 | 12 OPzS 1500 | 1410 | 1400 | 1370 | 1330 | 1260 | 1060 | 957 | 854 | 699 | 594 | 525 | 385 | 328 | 182 |
| 2TS141750 | 14 OPzS 1750 | 1495 | 1485 | 1450 | 1410 | 1335 | 1120 | 1015 | 905 | 740 | 628 | 555 | 406 | 347 | 192 |
| 2TS151875 | 15 OPzS 1875 | 1538 | 1527 | 1491 | 1450 | 1373 | 1152 | 1044 | 931 | 761 | 646 | 571 | 418 | 357 | 197 |
| 2TS162000 | 16 OPzS 2000 | 2040 | 2030 | 1955 | 1895 | 1780 | 1460 | 1305 | 1150 | 926 | 786 | 695 | 507 | 434 | 240 |
| 2TS162250 | 18 OPzS 2250 | 2130 | 2120 | 2065 | 1995 | 1870 | 1550 | 1395 | 1230 | 1010 | 855 | 756 | 553 | 473 | 261 |
| 2TS202500 | 20 OPzS 2500 | 2495 | 2480 | 2435 | 2365 | 2210 | 1815 | 1625 | 1430 | 1150 | 978 | 864 | 632 | 540 | 298 |
| 2TS243000 | 24 OPzS 3000 | 2915 | 2895 | 2815 | 2730 | 2555 | 2125 | 1905 | 1685 | 1380 | 1170 | 1035 | 756 | 647 | 359 |
| 2TS283500 | 28 OPzS 3500 | 3401 | 3378 | 3284 | 3185 | 2981 | 2479 | 2223 | 1966 | 1610 | 1365 | 1208 | 882 | 755 | 419 |

| Part Number | DIN Type | Discharge Data Watts @ 20°C to 1.75VPC | | | | | | | | | | | | | |
|-------------|--------------|--|--------|--------|--------|--------|-------------------------|----------|--------|--------|--------|--------|--------|---------|---------|
| | | Discharge Time in Minutes | | | | | Discharge Time in hours | | | | | | | | |
| | | 3 min | 10 min | 15 min | 20 min | 30 min | 1 hour | 1.5 hour | 2 hour | 3 hour | 4 hour | 5 hour | 8 hour | 10 hour | 20 hour |
| 2TS020100 | 2 OPzS 100 | 258 | 243 | 222 | 201 | 173 | 122 | 98.0 | 82.5 | 64.7 | 52.5 | 44.9 | 30.7 | 25.5 | 14.1 |
| 2TS030150 | 3 OPzS 150 | 330 | 310 | 280 | 256 | 219 | 156 | 127 | 108 | 84.6 | 69.0 | 58.7 | 40.5 | 33.6 | 18.6 |
| 2TS040200 | 4 OPzS 200 | 427 | 401 | 365 | 332 | 285 | 200 | 161 | 137 | 108 | 87.7 | 74.7 | 51.6 | 42.8 | 23.7 |
| 2TS050250 | 5 OPzS 250 | 517 | 485 | 442 | 402 | 347 | 245 | 198 | 170 | 132 | 108 | 92.1 | 63.5 | 53.0 | 29.3 |
| 2TS060300 | 6 OPzS 300 | 603 | 565 | 516 | 469 | 407 | 289 | 235 | 202 | 156 | 127 | 109 | 75.3 | 63.1 | 35.0 |
| 2TS050350 | 5 OPzS 350 | 586 | 560 | 527 | 501 | 445 | 347 | 284 | 240 | 183 | 151 | 130 | 91.1 | 75.9 | 42.1 |
| 2TS060420 | 6 OPzS 420 | 674 | 644 | 607 | 577 | 517 | 404 | 333 | 285 | 220 | 180 | 156 | 109 | 90.9 | 50.4 |
| 2TS070490 | 7 OPzS 490 | 770 | 735 | 693 | 658 | 590 | 461 | 384 | 328 | 256 | 210 | 181 | 127 | 106 | 58.8 |
| 2TS060600 | 6 OPzS 600 | 842 | 818 | 777 | 743 | 685 | 560 | 479 | 410 | 314 | 257 | 221 | 160 | 136 | 75.4 |
| 2TS080800 | 8 OPzS 800 | 1230 | 1200 | 1120 | 1055 | 960 | 786 | 654 | 566 | 425 | 348 | 301 | 216 | 180 | 101 |
| 2TS101000 | 10 OPzS 1000 | 1480 | 1435 | 1355 | 1285 | 1175 | 962 | 811 | 698 | 530 | 433 | 374 | 270 | 227 | 126 |
| 2TS121200 | 12 OPzS 1200 | 1695 | 1650 | 1565 | 1495 | 1380 | 1130 | 964 | 826 | 633 | 516 | 446 | 323 | 274 | 152 |
| 2TS121500 | 12 OPzS 1500 | 1690 | 1675 | 1630 | 1575 | 1470 | 1210 | 1075 | 951 | 761 | 642 | 565 | 403 | 341 | 189 |
| 2TS141750 | 14 OPzS 1750 | 1795 | 1780 | 1725 | 1665 | 1560 | 1280 | 1140 | 1005 | 805 | 679 | 599 | 427 | 360 | 200 |
| 2TS151875 | 15 OPzS 1875 | 1923 | 1907 | 1848 | 1784 | 1671 | 1371 | 1221 | 1077 | 863 | 728 | 642 | 458 | 386 | 214 |
| 2TS162000 | 16 OPzS 2000 | 2440 | 2420 | 2330 | 2245 | 2080 | 1670 | 1470 | 1280 | 1010 | 850 | 747 | 534 | 450 | 250 |
| 2TS162250 | 18 OPzS 2250 | 2555 | 2535 | 2455 | 2360 | 2185 | 1775 | 1570 | 1370 | 1095 | 924 | 815 | 581 | 490 | 274 |
| 2TS202500 | 20 OPzS 2500 | 3035 | 3010 | 2905 | 2786 | 2590 | 2085 | 1825 | 1590 | 1255 | 1055 | 931 | 665 | 561 | 312 |
| 2TS243000 | 24 OPzS 3000 | 3500 | 3465 | 3355 | 3220 | 2990 | 2435 | 2140 | 1870 | 1500 | 1260 | 1115 | 796 | 670 | 372 |
| 2TS283500 | 28 OPzS 3500 | 4083 | 4043 | 3914 | 3757 | 3488 | 2841 | 2497 | 2182 | 1750 | 1470 | 1301 | 929 | 782 | 434 |

Actual battery performance data may be +/-5% of figures shown above

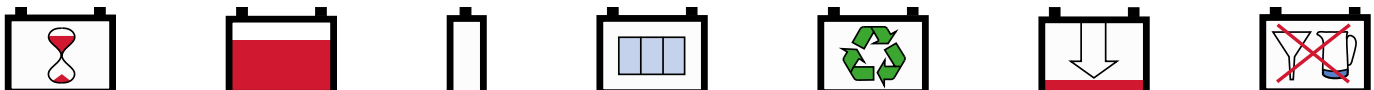


EverExceed Tubular OPzS Range Cell Discharge Data Watts at 20°C

| Part Number | DIN Type | Discharge Data Watts @ 20°C to 1.70VPC | | | | | | | | | | | | | |
|-------------|--------------|--|--------|--------|--------|--------|-------------------------|----------|--------|--------|--------|--------|--------|---------|---------|
| | | Discharge Time in Minutes | | | | | Discharge Time in hours | | | | | | | | |
| | | 3 min | 10 min | 15 min | 20 min | 30 min | 1 hour | 1.5 hour | 2 hour | 3 hour | 4 hour | 5 hour | 8 hour | 10 hour | 20 hour |
| 2TS020100 | 2 OPzS 100 | 295 | 270 | 242 | 218 | 184 | 126 | 101 | 83.8 | 66.1 | 53.3 | 45.4 | 30.8 | 25.6 | 14.2 |
| 2TS030150 | 3 OPzS 150 | 376 | 344 | 308 | 279 | 236 | 162 | 130 | 110 | 86.4 | 69.7 | 59.4 | 40.7 | 33.8 | 18.7 |
| 2TS040200 | 4 OPzS 200 | 485 | 445 | 398 | 359 | 304 | 207 | 166 | 139 | 110 | 89.1 | 75.6 | 51.8 | 43.1 | 23.8 |
| 2TS050250 | 5 OPzS 250 | 588 | 540 | 483 | 436 | 370 | 254 | 204 | 172 | 135 | 109 | 93.1 | 63.8 | 53.3 | 29.5 |
| 2TS060300 | 6 OPzS 300 | 689 | 631 | 564 | 509 | 435 | 300 | 242 | 205 | 159 | 129 | 110 | 75.7 | 63.6 | 35.2 |
| 2TS050350 | 5 OPzS 350 | 673 | 634 | 588 | 552 | 483 | 365 | 295 | 248 | 188 | 153 | 132 | 91.9 | 77.2 | 43.2 |
| 2TS060420 | 6 OPzS 420 | 774 | 730 | 677 | 635 | 562 | 425 | 346 | 294 | 225 | 184 | 159 | 111 | 92.4 | 51.7 |
| 2TS070490 | 7 OPzS 490 | 884 | 833 | 773 | 725 | 641 | 485 | 400 | 339 | 263 | 215 | 185 | 130 | 108 | 60.2 |
| 2TS060600 | 6 OPzS 600 | 961 | 923 | 879 | 835 | 764 | 608 | 512 | 431 | 325 | 262 | 224 | 162 | 137 | 76.6 |
| 2TS080800 | 8 OPzS 800 | 1405 | 1355 | 1265 | 1185 | 1070 | 851 | 696 | 598 | 444 | 358 | 305 | 219 | 183 | 102 |
| 2TS101000 | 10 OPzS 1000 | 1685 | 1620 | 1530 | 1440 | 1310 | 1045 | 865 | 736 | 551 | 447 | 379 | 273 | 229 | 128 |
| 2TS121200 | 12 OPzS 1200 | 1940 | 1860 | 1770 | 1685 | 1540 | 1225 | 1030 | 869 | 656 | 530 | 451 | 327 | 276 | 154 |
| 2TS121500 | 12 OPzS 1500 | 1950 | 1930 | 1865 | 1785 | 1660 | 1350 | 1175 | 1025 | 803 | 672 | 590 | 414 | 348 | 193 |
| 2TS141750 | 14 OPzS 1750 | 2070 | 2040 | 1980 | 1890 | 1755 | 1430 | 1245 | 1085 | 850 | 712 | 626 | 438 | 368 | 205 |
| 2TS151875 | 15 OPzS 1875 | 2218 | 2186 | 2121 | 2025 | 1880 | 1532 | 1334 | 1163 | 911 | 763 | 671 | 469 | 394 | 220 |
| 2TS162000 | 16 OPzS 2000 | 2820 | 2790 | 2675 | 2550 | 2345 | 1860 | 1605 | 1375 | 1065 | 889 | 792 | 548 | 460 | 255 |
| 2TS162250 | 18 OPzS 2250 | 2955 | 2915 | 2810 | 2680 | 2460 | 1975 | 1715 | 1475 | 1155 | 968 | 850 | 597 | 500 | 279 |
| 2TS202500 | 20 OPzS 2500 | 3510 | 3465 | 3320 | 3175 | 2915 | 2315 | 2000 | 1715 | 1325 | 1105 | 973 | 682 | 573 | 319 |
| 2TS243000 | 24 OPzS 3000 | 4045 | 3995 | 3835 | 3670 | 3370 | 2705 | 2345 | 2015 | 1585 | 1320 | 1160 | 816 | 684 | 381 |
| 2TS283500 | 28 OPzS 3500 | 4719 | 4661 | 4474 | 4282 | 3932 | 3156 | 2736 | 2351 | 1849 | 1540 | 1353 | 952 | 798 | 445 |

| Part Number | DIN Type | Discharge Data Watts @ 20°C to 1.65VPC | | | | | | | | | | | | | |
|-------------|--------------|--|--------|--------|--------|--------|-------------------------|----------|--------|--------|--------|--------|--------|---------|---------|
| | | Discharge Time in Minutes | | | | | Discharge Time in hours | | | | | | | | |
| | | 3 min | 10 min | 15 min | 20 min | 30 min | 1 hour | 1.5 hour | 2 hour | 3 hour | 4 hour | 5 hour | 8 hour | 10 hour | 20 hour |
| 2TS020100 | 2 OPzS 100 | 326 | 292 | 257 | 230 | 191 | 128 | 102 | 85.5 | 66.8 | 53.7 | 45.8 | 30.8 | 25.6 | 14.2 |
| 2TS030150 | 3 OPzS 150 | 414 | 371 | 329 | 294 | 245 | 163 | 131 | 111 | 87.3 | 70.5 | 59.8 | 40.7 | 33.8 | 18.7 |
| 2TS040200 | 4 OPzS 200 | 536 | 481 | 423 | 379 | 315 | 211 | 167 | 141 | 111 | 89.7 | 76.1 | 51.8 | 43.1 | 23.8 |
| 2TS050250 | 5 OPzS 250 | 652 | 584 | 514 | 460 | 384 | 259 | 206 | 174 | 136 | 110 | 93.8 | 63.8 | 53.3 | 29.5 |
| 2TS060300 | 6 OPzS 300 | 762 | 684 | 601 | 538 | 452 | 306 | 244 | 208 | 161 | 130 | 111 | 75.7 | 63.6 | 35.2 |
| 2TS050350 | 5 OPzS 350 | 755 | 701 | 643 | 595 | 514 | 377 | 303 | 253 | 192 | 156 | 133 | 91.9 | 77.2 | 43.2 |
| 2TS060420 | 6 OPzS 420 | 869 | 807 | 740 | 685 | 598 | 438 | 356 | 299 | 230 | 186 | 159 | 111 | 92.4 | 51.7 |
| 2TS070490 | 7 OPzS 490 | 992 | 921 | 845 | 782 | 683 | 500 | 410 | 345 | 268 | 216 | 185 | 130 | 108 | 60.2 |
| 2TS060600 | 6 OPzS 600 | 1065 | 1015 | 976 | 922 | 834 | 648 | 534 | 449 | 332 | 265 | 226 | 166 | 138 | 77.1 |
| 2TS080800 | 8 OPzS 800 | 1565 | 1495 | 1395 | 1295 | 1165 | 895 | 726 | 617 | 456 | 365 | 307 | 222 | 185 | 103 |
| 2TS101000 | 10 OPzS 1000 | 1875 | 1790 | 1695 | 1585 | 1430 | 1105 | 903 | 763 | 564 | 453 | 382 | 278 | 231 | 129 |
| 2TS121200 | 12 OPzS 1200 | 2150 | 2050 | 1965 | 1860 | 1680 | 1305 | 1075 | 904 | 669 | 538 | 455 | 334 | 278 | 155 |
| 2TS121500 | 12 OPzS 1500 | 2200 | 2170 | 2085 | 1995 | 1835 | 1475 | 1260 | 1080 | 832 | 695 | 610 | 419 | 350 | 195 |
| 2TS141750 | 14 OPzS 1750 | 2330 | 2295 | 2210 | 2115 | 1945 | 1565 | 1330 | 1145 | 883 | 737 | 645 | 444 | 369 | 206 |
| 2TS151875 | 15 OPzS 1875 | 2397 | 2361 | 2273 | 2175 | 2001 | 1610 | 1368 | 1178 | 908 | 758 | 663 | 457 | 380 | 212 |
| 2TS162000 | 16 OPzS 2000 | 3175 | 3130 | 2980 | 2845 | 2590 | 2040 | 1715 | 1455 | 1105 | 921 | 805 | 555 | 462 | 257 |
| 2TS162250 | 18 OPzS 2250 | 3330 | 3280 | 3140 | 3000 | 2725 | 2160 | 1830 | 1555 | 1200 | 1000 | 877 | 603 | 503 | 280 |
| 2TS202500 | 20 OPzS 2500 | 3955 | 3900 | 3720 | 3555 | 3235 | 2535 | 2130 | 1810 | 1375 | 1145 | 1005 | 690 | 574 | 320 |
| 2TS243000 | 24 OPzS 3000 | 4555 | 4490 | 4290 | 4105 | 3730 | 2960 | 2505 | 2125 | 1640 | 1370 | 1200 | 825 | 688 | 384 |
| 2TS283500 | 28 OPzS 3500 | 5314 | 5238 | 5005 | 4789 | 4352 | 3453 | 2923 | 2479 | 1913 | 1598 | 1400 | 963 | 803 | 448 |

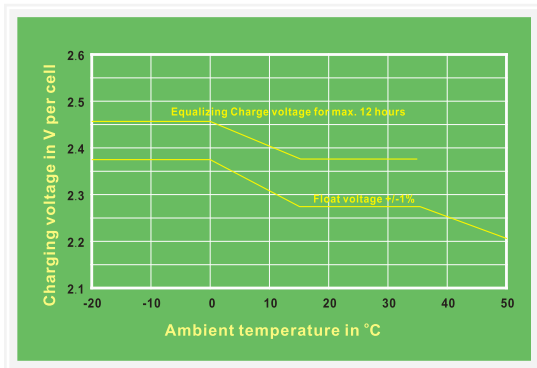
Actual battery performance data may be +/-5% of figures shown above



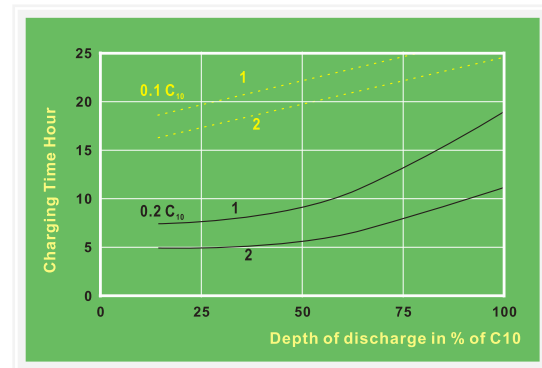
EverExceed Tubular OPzS Range Cell Discharge Data Watts at 20°C

| Part Number | DIN Type | Discharge Data Watts @ 20°C to 1.60VPC | | | | | | | | | | | | | |
|-------------|--------------|--|--------|--------|--------|--------|-------------------------|----------|--------|--------|--------|--------|--------|---------|---------|
| | | Discharge Time in Minutes | | | | | Discharge Time in hours | | | | | | | | |
| | | 3 min | 10 min | 15 min | 20 min | 30 min | 1 hour | 1.5 hour | 2 hour | 3 hour | 4 hour | 5 hour | 8 hour | 10 hour | 20 hour |
| 2TS020100 | 2 OPzS 100 | 350 | 308 | 269 | 239 | 197 | 129 | 102 | 85.1 | 67.0 | 55.3 | 45.8 | 30.8 | 25.6 | 14.2 |
| 2TS030150 | 3 OPzS 150 | 445 | 392 | 343 | 304 | 250 | 165 | 131 | 111 | 87.6 | 70.1 | 59.8 | 40.7 | 33.8 | 18.7 |
| 2TS040200 | 4 OPzS 200 | 575 | 507 | 443 | 394 | 324 | 213 | 167 | 141 | 112 | 89.5 | 76.1 | 51.8 | 43.1 | 23.8 |
| 2TS050250 | 5 OPzS 250 | 703 | 618 | 539 | 479 | 395 | 262 | 206 | 175 | 137 | 110 | 93.8 | 63.8 | 53.3 | 29.5 |
| 2TS060300 | 6 OPzS 300 | 822 | 724 | 632 | 561 | 464 | 310 | 244 | 209 | 161 | 129 | 111 | 75.7 | 63.6 | 35.2 |
| 2TS050350 | 5 OPzS 350 | 834 | 763 | 693 | 632 | 543 | 383 | 307 | 254 | 195 | 157 | 133 | 91.9 | 77.2 | 43.2 |
| 2TS060420 | 6 OPzS 420 | 959 | 879 | 797 | 728 | 631 | 445 | 361 | 302 | 233 | 187 | 159 | 111 | 92.4 | 51.7 |
| 2TS070490 | 7 OPzS 490 | 1095 | 1005 | 910 | 831 | 720 | 509 | 416 | 348 | 272 | 218 | 185 | 130 | 108 | 60.2 |
| 2TS060600 | 6 OPzS 600 | 1165 | 1105 | 1070 | 1010 | 900 | 684 | 549 | 462 | 333 | 266 | 226 | 166 | 138 | 77.1 |
| 2TS080800 | 8 OPzS 800 | 1720 | 1625 | 1520 | 1400 | 1255 | 925 | 749 | 626 | 461 | 366 | 307 | 222 | 185 | 103 |
| 2TS101000 | 10 OPzS 1000 | 2050 | 1945 | 1850 | 1725 | 1540 | 1150 | 930 | 780 | 568 | 454 | 382 | 278 | 231 | 129 |
| 2TS121200 | 12 OPzS 1200 | 2350 | 2225 | 2150 | 2035 | 1815 | 1380 | 1105 | 931 | 671 | 536 | 455 | 334 | 278 | 155 |
| 2TS121500 | 12 OPzS 1500 | 2435 | 2390 | 2290 | 2200 | 2005 | 1590 | 1325 | 1120 | 854 | 710 | 619 | 420 | 350 | 195 |
| 2TS141750 | 14 OPzS 1750 | 2580 | 2535 | 2420 | 2320 | 2125 | 1685 | 1400 | 1185 | 905 | 751 | 654 | 446 | 369 | 206 |
| 2TS151875 | 15 OPzS 1875 | 2764 | 2716 | 2593 | 2486 | 2277 | 1805 | 1500 | 1270 | 970 | 805 | 701 | 478 | 395 | 221 |
| 2TS162000 | 16 OPzS 2000 | 3515 | 3455 | 3270 | 3130 | 2830 | 2200 | 1805 | 1510 | 1130 | 940 | 817 | 557 | 462 | 257 |
| 2TS162250 | 18 OPzS 2250 | 3685 | 3615 | 3445 | 3290 | 2975 | 2335 | 1925 | 1615 | 1230 | 1025 | 890 | 606 | 503 | 280 |
| 2TS202500 | 20 OPzS 2500 | 4385 | 4300 | 4075 | 3895 | 3520 | 2730 | 2250 | 1885 | 1405 | 1170 | 1020 | 694 | 574 | 320 |
| 2TS243000 | 24 OPzS 3000 | 5045 | 4950 | 4705 | 4505 | 4070 | 3195 | 2630 | 2205 | 1685 | 1400 | 1220 | 829 | 688 | 384 |
| 2TS283500 | 28 OPzS 3500 | 5886 | 5775 | 5489 | 5256 | 4748 | 3728 | 3068 | 2573 | 1966 | 1633 | 1423 | 967 | 803 | 448 |

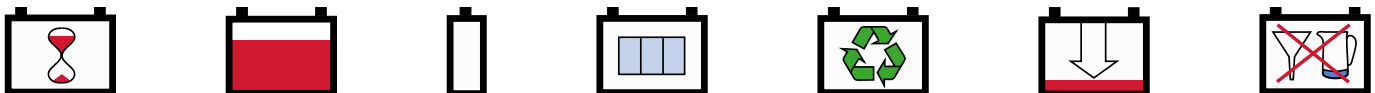
Actual battery performance data may be +/-5% of figures shown above



For continuous charging we recommend a voltage of 2.25 V.
The charging voltage must be compensated to the curve for a continuously different battery ambient temperature.



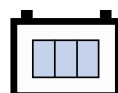
Recharging time in relation to the initial charging current at 20°C.
 - - - - State of charge 100 % ——— State of charge 90 %
 Charge voltage: 1: 2.25 V/C 2: 2.40 V/C



EverExceed Tubular OPzS Range Long Duration Discharge Capacity (Ah)

| Part Number | DIN Type | C24 | C48 | C72 | C96 | C100 | C120 | C240 |
|-------------|--------------|--|------|------|------|------|------|------|
| | | 1.85 VPC – Discharge Data in Ampere Hour at 20°C | | | | | | |
| 2TS020100 | 2 OPzS 100 | 133 | 138 | 144 | 145 | 145 | 146 | 152 |
| 2TS030150 | 3 OPzS 150 | 194 | 207 | 218 | 220 | 223 | 224 | 225 |
| 2TS040200 | 4 OPzS 200 | 258 | 276 | 288 | 290 | 291 | 293 | 304 |
| 2TS050250 | 5 OPzS 250 | 319 | 345 | 361 | 363 | 364 | 366 | 376 |
| 2TS060300 | 6 OPzS 300 | 386 | 414 | 433 | 435 | 436 | 438 | 443 |
| 2TS050350 | 5 OPzS 350 | 448 | 483 | 515 | 520 | 522 | 525 | 536 |
| 2TS060420 | 6 OPzS 420 | 541 | 579 | 618 | 623 | 625 | 628 | 639 |
| 2TS070490 | 7 OPzS 490 | 628 | 676 | 726 | 730 | 733 | 736 | 747 |
| 2TS060600 | 6 OPzS 600 | 754 | 828 | 890 | 891 | 893 | 896 | 908 |
| 2TS080800 | 8 OPzS 800 | 1004 | 1104 | 1185 | 1190 | 1192 | 1195 | 1210 |
| 2TS101000 | 10 OPzS 1000 | 1246 | 1380 | 1483 | 1488 | 1490 | 1494 | 1514 |
| 2TS121200 | 12 OPzS 1200 | 1504 | 1656 | 1777 | 1782 | 1786 | 1792 | 1813 |
| 2TS121500 | 12 OPzS 1500 | 1854 | 2070 | 2163 | 2178 | 2185 | 2194 | 2256 |
| 2TS141750 | 14 OPzS 1750 | 2163 | 2415 | 2524 | 2539 | 2548 | 2560 | 2606 |
| 2TS151875 | 15 OPzS 1875 | 2318 | 2587 | 2704 | 2709 | 2714 | 2719 | 2796 |
| 2TS162000 | 16 OPzS 2000 | 2472 | 2760 | 2884 | 2894 | 2902 | 2905 | 2966 |
| 2TS162250 | 18 OPzS 2250 | 2781 | 3105 | 3245 | 3255 | 3259 | 3265 | 3327 |
| 2TS202500 | 20 OPzS 2500 | 3090 | 3451 | 3605 | 3626 | 3635 | 3646 | 3744 |
| 2TS243000 | 24 OPzS 3000 | 3708 | 4141 | 4326 | 4347 | 4360 | 4378 | 4460 |
| 2TS283500 | 28 OPzS 3500 | 4326 | 4831 | 5047 | 5067 | 5084 | 5111 | 5165 |

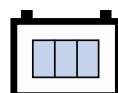
Actual battery performance data may be +/-5% of figures shown above



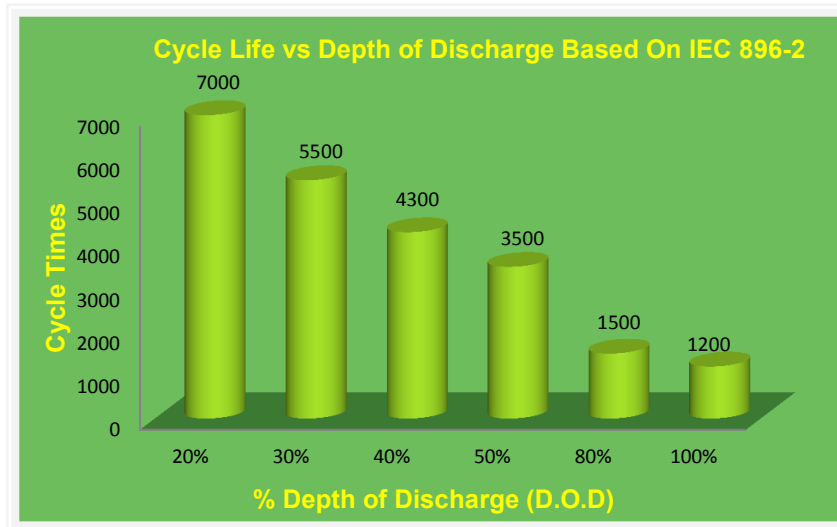
EverExceed Tubular OPzS Range Long Duration Discharge Capacity (Ah)

| Part Number | DIN Type | C24 | C48 | C72 | C96 | C100 | C120 | C240 |
|-------------|--------------|--|------|------|------|------|------|------|
| | | 1.80 VPC – Discharge Data in Ampere Hour at 20°C | | | | | | |
| 2TS020100 | 2 OPzS 100 | 134 | 139 | 145 | 146 | 146 | 147 | 154 |
| 2TS030150 | 3 OPzS 150 | 196 | 209 | 220 | 222 | 225 | 226 | 227 |
| 2TS040200 | 4 OPzS 200 | 261 | 279 | 291 | 293 | 294 | 296 | 307 |
| 2TS050250 | 5 OPzS 250 | 322 | 348 | 365 | 367 | 368 | 370 | 380 |
| 2TS060300 | 6 OPzS 300 | 390 | 418 | 437 | 439 | 440 | 442 | 447 |
| 2TS050350 | 5 OPzS 350 | 452 | 488 | 520 | 525 | 527 | 530 | 541 |
| 2TS060420 | 6 OPzS 420 | 546 | 585 | 624 | 629 | 631 | 634 | 645 |
| 2TS070490 | 7 OPzS 490 | 634 | 683 | 733 | 737 | 740 | 743 | 754 |
| 2TS060600 | 6 OPzS 600 | 762 | 836 | 899 | 900 | 902 | 905 | 917 |
| 2TS080800 | 8 OPzS 800 | 1014 | 1115 | 1197 | 1202 | 1204 | 1207 | 1222 |
| 2TS101000 | 10 OPzS 1000 | 1258 | 1394 | 1498 | 1503 | 1505 | 1509 | 1529 |
| 2TS121200 | 12 OPzS 1200 | 1519 | 1673 | 1795 | 1800 | 1804 | 1810 | 1831 |
| 2TS121500 | 12 OPzS 1500 | 1873 | 2091 | 2185 | 2200 | 2207 | 2216 | 2279 |
| 2TS141750 | 14 OPzS 1750 | 2185 | 2439 | 2549 | 2564 | 2573 | 2586 | 2632 |
| 2TS151875 | 15 OPzS 1875 | 2341 | 2613 | 2731 | 2736 | 2741 | 2746 | 2824 |
| 2TS162000 | 16 OPzS 2000 | 2497 | 2788 | 2913 | 2923 | 2931 | 2934 | 2996 |
| 2TS162250 | 18 OPzS 2250 | 2809 | 3136 | 3277 | 3288 | 3292 | 3298 | 3360 |
| 2TS202500 | 20 OPzS 2500 | 3121 | 3486 | 3641 | 3662 | 3671 | 3682 | 3781 |
| 2TS243000 | 24 OPzS 3000 | 3745 | 4182 | 4369 | 4390 | 4404 | 4422 | 4505 |
| 2TS283500 | 28 OPzS 3500 | 4369 | 4879 | 5097 | 5118 | 5135 | 5162 | 5217 |

Actual battery performance data may be +/-5% of figures shown above



Technical Data Curves



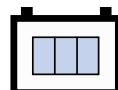
BATTERY CYCLING ABILITY

The EverExceed's Tubular OPzS Range Battery excels in cycling applications. This Range are capable of 7000+ charge / discharge cycles depending on the depth of discharge.

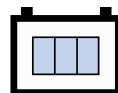
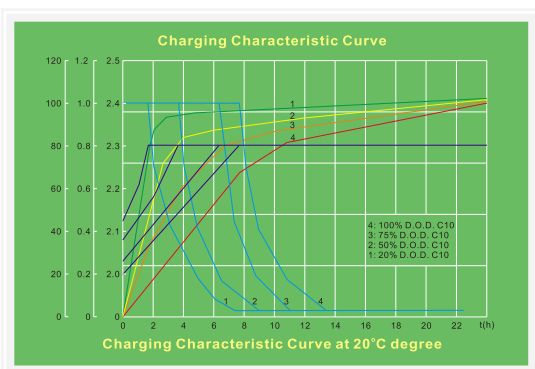
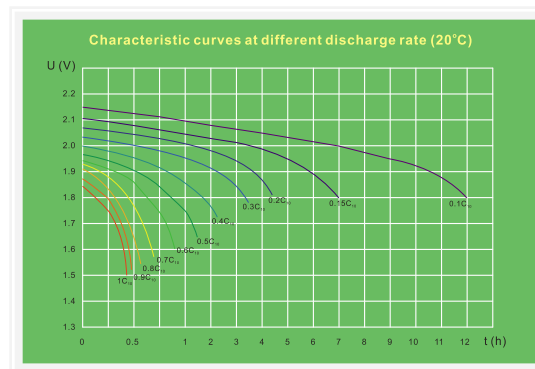
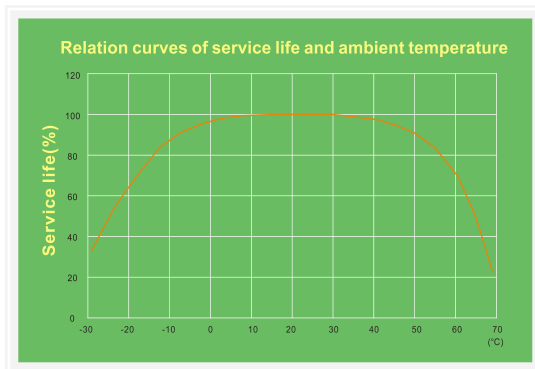
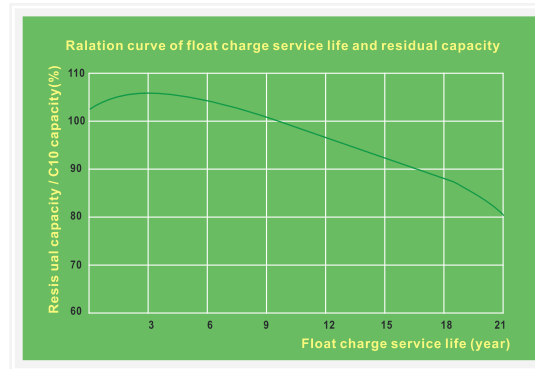
TYPICAL CYCLIC PERFORMANCE

| CAPACITY WITHDRAWN | CYCLES |
|--------------------|--------|
| 100% | 1200 |
| 80% | 1500 |
| 50% | 3500 |
| 40% | 4300 |
| 30% | 5500 |
| 20% | 7000 |

3500 cycles to 50% DoD and 5500 to over 30% DoD



Technical Data Curves



EverExceed[®]
power your applications



*Supplied Worldwide by
EverExceed Corporation*

