



NeXSys[®] TPPL

NEXSYS[®] TPPL BATTERY RANGE.
TECHNICAL DATA



NEXSYS® TPPL BATTERY CELLS

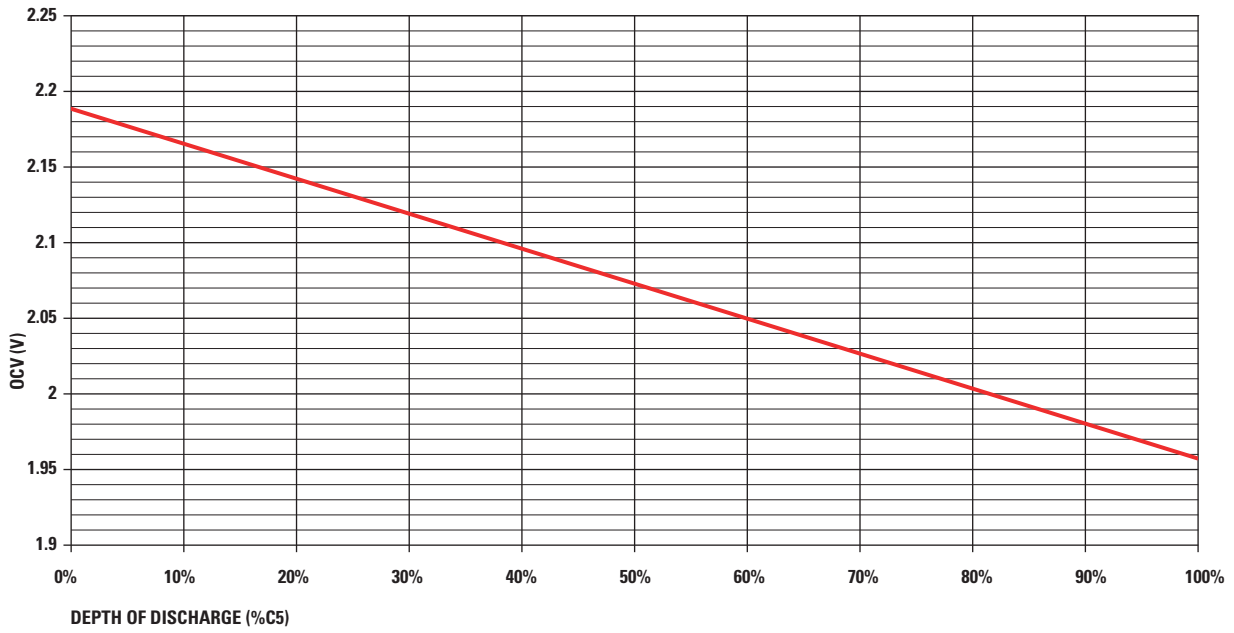
NEXSYS® TPPL battery cells, with bolt-on connectors, dimensions according to DIN/EN 60254-2 and IEC 254-2 Series L standards.

| Cell type | Nominal cell voltage | Nominal capacity 1.7VPC @30°C C ₅ Ah | Cell length mm | Total cell height mm | Cell width mm | Cell weight ±5% kg | Energy from 100% to 20% SoC | NexSys® TPPL battery - Standard - Daily energy throughput up to | NexSys® TPPL battery - FAST - Daily energy throughput up to |
|--------------|----------------------|--|-------------------|-------------------------|------------------|--------------------------|-----------------------------|---|---|
| | Vdc | | | | | | | Wh | Wh |
| 2NXS130 | 2 | 130 | 47 | 370 | 198 | 8.9 | 211 | 264 | 422 |
| 3NXS195 | 2 | 195 | 65 | 370 | 198 | 12.6 | 316 | 395 | 633 |
| 4NXS260 | 2 | 260 | 83 | 370 | 198 | 16.4 | 421 | 527 | 844 |
| 5NXS325 | 2 | 325 | 101 | 370 | 198 | 20.1 | 527 | 659 | 1.055 |
| 6NXS390 | 2 | 390 | 119 | 370 | 198 | 23.8 | 632 | 791 | 1.265 |
| 2NXS164 | 2 | 164 | 47 | 435 | 198 | 10.8 | 266 | 333 | 532 |
| 3NXS246 | 2 | 246 | 65 | 435 | 198 | 15.3 | 399 | 499 | 798 |
| 4NXS328 | 2 | 328 | 83 | 435 | 198 | 19.8 | 531 | 665 | 1.064 |
| 5NXS410 | 2 | 410 | 101 | 435 | 198 | 24.4 | 664 | 831 | 1.330 |
| 6NXS492 | 2 | 492 | 119 | 435 | 198 | 29.0 | 797 | 998 | 1.596 |
| 2NXS190 | 2 | 190 | 47 | 485 | 198 | 12.2 | 308 | 385 | 617 |
| 3NXS285 | 2 | 285 | 65 | 485 | 198 | 17.4 | 462 | 578 | 925 |
| 4NXS380 | 2 | 380 | 83 | 485 | 198 | 22.6 | 616 | 771 | 1.233 |
| 5NXS475 | 2 | 475 | 101 | 485 | 198 | 27.8 | 770 | 963 | 1.541 |
| 6NXS570 | 2 | 570 | 119 | 485 | 198 | 33.0 | 923 | 1.156 | 1.850 |
| 2NXS220 | 2 | 220 | 47 | 541 | 198 | 13.8 | 356 | 446 | 714 |
| 3NXS330 | 2 | 330 | 65 | 541 | 198 | 19.8 | 535 | 669 | 1.071 |
| 4NXS440 | 2 | 440 | 83 | 541 | 198 | 25.7 | 713 | 892 | 1.428 |
| 5NXS550 | 2 | 550 | 101 | 541 | 198 | 31.6 | 891 | 1.115 | 1.785 |
| 6NXS660 | 2 | 660 | 119 | 541 | 198 | 37.6 | 1.069 | 1.338 | 2.142 |
| 7NXS770 | 2 | 770 | 137 | 541 | 198 | 42.5 | 1.247 | 1.562 | 2.498 |
| 2NXS234 | 2 | 234 | 47 | 574 | 198 | 14.8 | 379 | 475 | 759 |
| 3NXS351 | 2 | 351 | 65 | 574 | 198 | 21.1 | 569 | 712 | 1.139 |
| 4NXS468 | 2 | 468 | 83 | 574 | 198 | 27.5 | 758 | 949 | 1.519 |
| 5NXS585 | 2 | 585 | 101 | 574 | 198 | 33.8 | 948 | 1.186 | 1.898 |
| 6NXS702 | 2 | 702 | 119 | 574 | 198 | 40.2 | 1.137 | 1.424 | 2.278 |
| 7NXS819 | 2 | 819 | 137 | 574 | 198 | 46.9 | 1.327 | 1.661 | 2.657 |
| 2NXS250 | 2 | 250 | 47 | 600 | 198 | 15.6 | 405 | 507 | 811 |
| 3NXS375 | 2 | 375 | 65 | 600 | 198 | 22.2 | 608 | 761 | 1.217 |
| 4NXS500 | 2 | 500 | 83 | 600 | 198 | 28.8 | 810 | 1.014 | 1.622 |
| 5NXS625 | 2 | 625 | 101 | 600 | 198 | 35.5 | 1.013 | 1.268 | 2.028 |
| 6NXS750 | 2 | 750 | 119 | 600 | 198 | 42.1 | 1.215 | 1.521 | 2.434 |
| 7NXS875 | 2 | 875 | 137 | 600 | 198 | 49.8 | 1.418 | 1.775 | 2.839 |
| 8NXS1000 4P | 2 | 1000 | 155 | 600 | 198 | 55.2 | 1.621 | 2.028 | 3.245 |
| 10NXS1250 4P | 2 | 1250 | 192 | 600 | 198 | 68.8 | 2.026 | 2.535 | 4.056 |
| 2NXS280 | 2 | 280 | 47 | 675 | 198 | 17.4 | 454 | 568 | 909 |
| 3NXS420 | 2 | 420 | 65 | 675 | 198 | 24.6 | 680 | 852 | 1.363 |
| 4NXS560 | 2 | 560 | 83 | 675 | 198 | 32.0 | 907 | 1.136 | 1.817 |
| 5NXS700 | 2 | 700 | 101 | 675 | 198 | 39.3 | 1.134 | 1.420 | 2.271 |
| 6NXS840 | 2 | 840 | 119 | 675 | 198 | 46.6 | 1.361 | 1.704 | 2.726 |
| 7NXS980 | 2 | 980 | 137 | 675 | 198 | 54.5 | 1.588 | 1.987 | 3.180 |
| 8NXS1120 4P | 2 | 1120 | 155 | 675 | 198 | 63.1 | 1.815 | 2.271 | 3.634 |
| 10NXS1400 4P | 2 | 1400 | 192 | 675 | 198 | 77.5 | 2.269 | 2.839 | 4.543 |

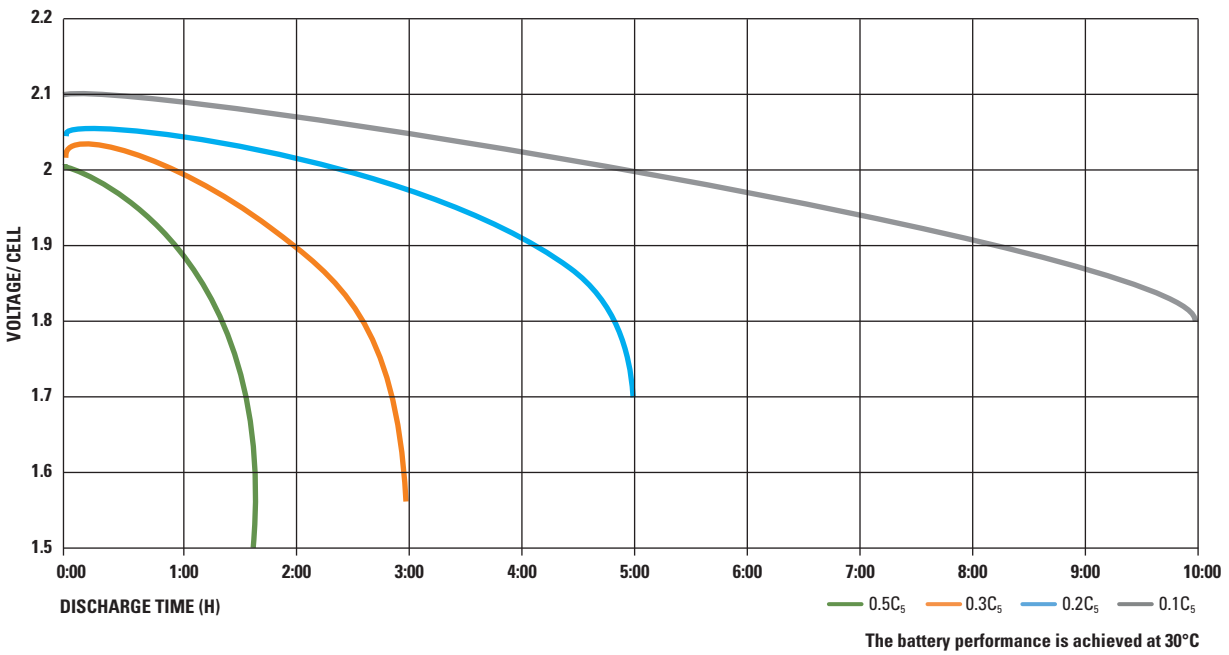
NEXSYS® TPPL battery cells, with bolt-on connectors, dimensions according to IEC 254-2 Series E standard.

| | | | | | | | | | |
|----------|---|-----|----|-----|-------|------|-----|-----|-------|
| 2NXSB160 | 2 | 160 | 45 | 541 | 157.5 | 10.8 | 259 | 324 | 519 |
| 3NXSB240 | 2 | 240 | 61 | 541 | 157.5 | 14.8 | 389 | 487 | 779 |
| 4NXSB320 | 2 | 320 | 77 | 541 | 157.5 | 18.7 | 518 | 649 | 1.038 |
| 2NXSB200 | 2 | 200 | 45 | 630 | 157.5 | 12.9 | 324 | 406 | 649 |
| 3NXSB300 | 2 | 300 | 61 | 630 | 157.5 | 17.7 | 486 | 608 | 973 |
| 4NXSB400 | 2 | 400 | 77 | 630 | 157.5 | 22.2 | 648 | 811 | 1.298 |

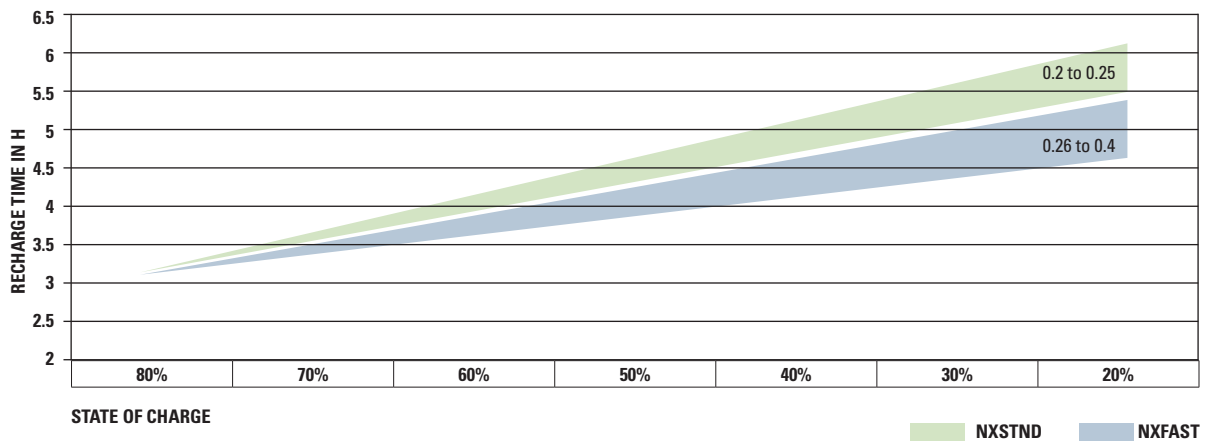
NEXSYS® TPPL CELLS OPEN CIRCUIT VOLTAGE VS % DEPTH OF DISCHARGE



NEXSYS® TPPL CELLS DISCHARGE CURVES AT VARIOUS DISCHARGE RATES-SCHEMATIC DISCHARGE



NEXSYS® TPPL BATTERIES TIME FOR FULL RECHARGE AT VARIOUS INITIAL STATE OF CHARGE





Our battery support services range from system design, installation and certification to testing, maintenance and repair.



Our comprehensive recycling support program accepts lead acid batteries of all sizes, from all manufacturers.



Our advanced tools and technologies deliver actionable intelligence to optimize battery maintenance and operation.



EnerSys World Headquarters

2366 Bernville Road
Reading,
PA 19605, USA

www.enersys.com

EnerSys EMEA

EH EuropeGmbH
Baarerstrasse 18
6300 Zug, Switzerland

EnerSys Asia

152 Beach Road
Gateway East Building #11-08
Singapore 189721