



# NeXsys<sup>®</sup> TPPL

NEXSYS<sup>®</sup> TPPL BATTERY RANGE.  
TECHNICAL DATA



# NEXSYS® TPPL BATTERY CELLS

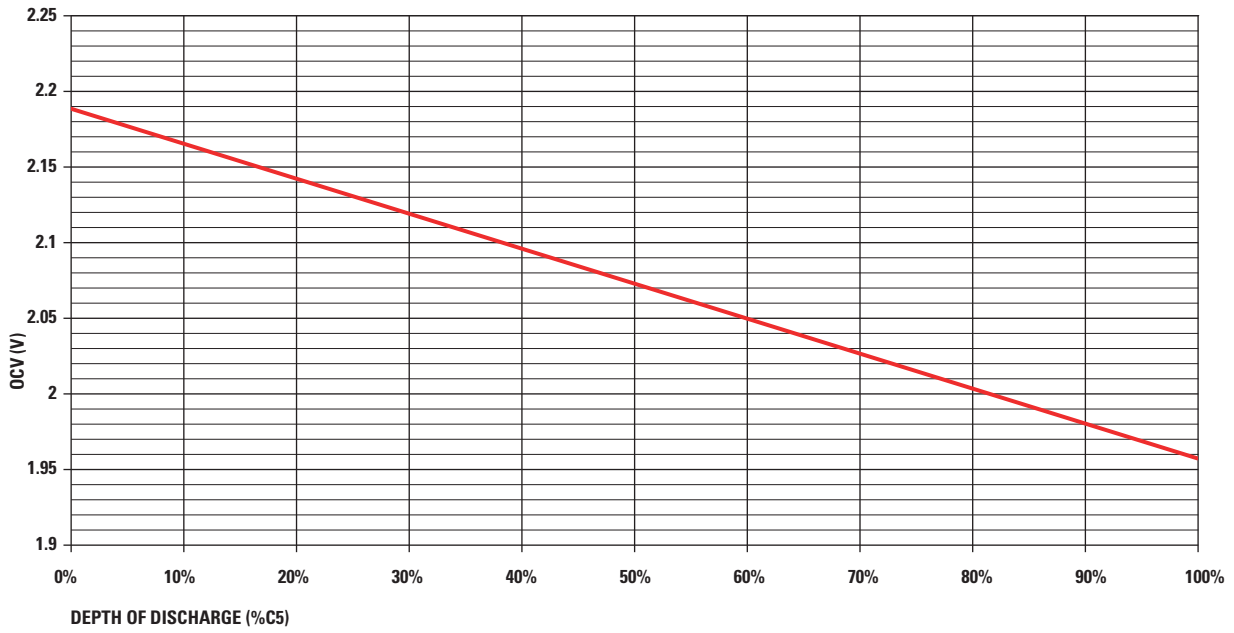
NEXSYS® TPPL battery cells, with bolt-on connectors, dimensions according to DIN/EN 60254-2 and IEC 254-2 Series L standards.

Cell type	Nominal cell voltage	Nominal capacity 1.7VPC @30°C C <sub>5</sub> 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

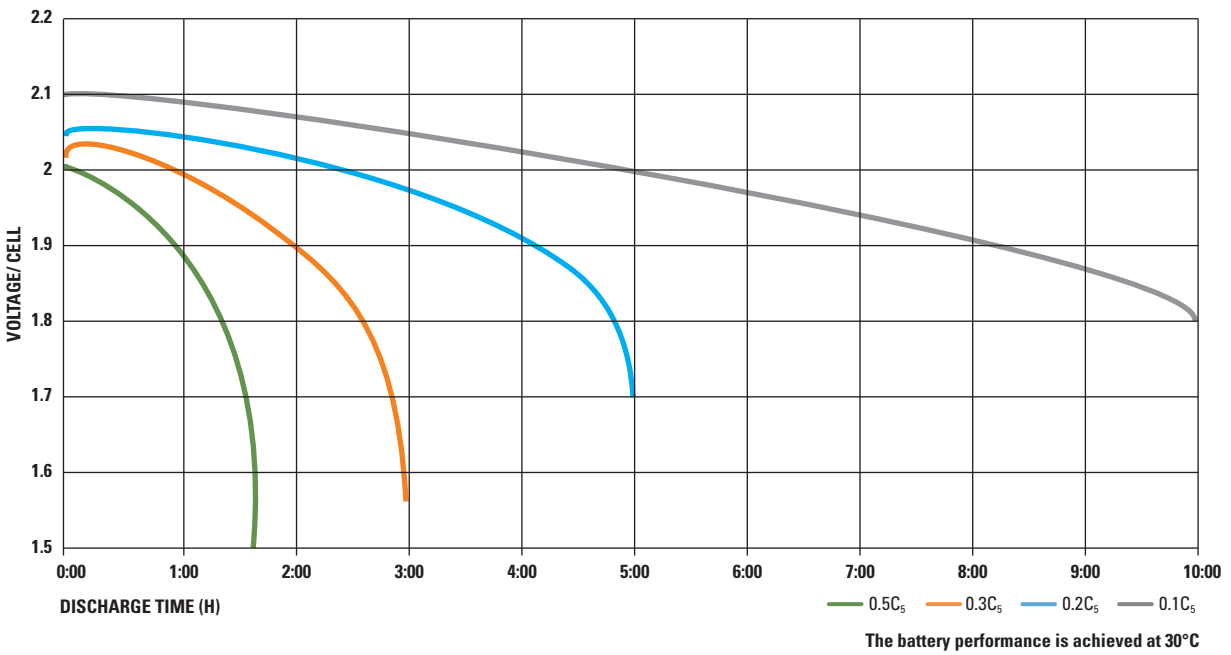
NEXSYS® TPPL battery cells, with bolt-on connectors, dimensions according to IEC 254-2 Series E standard.

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

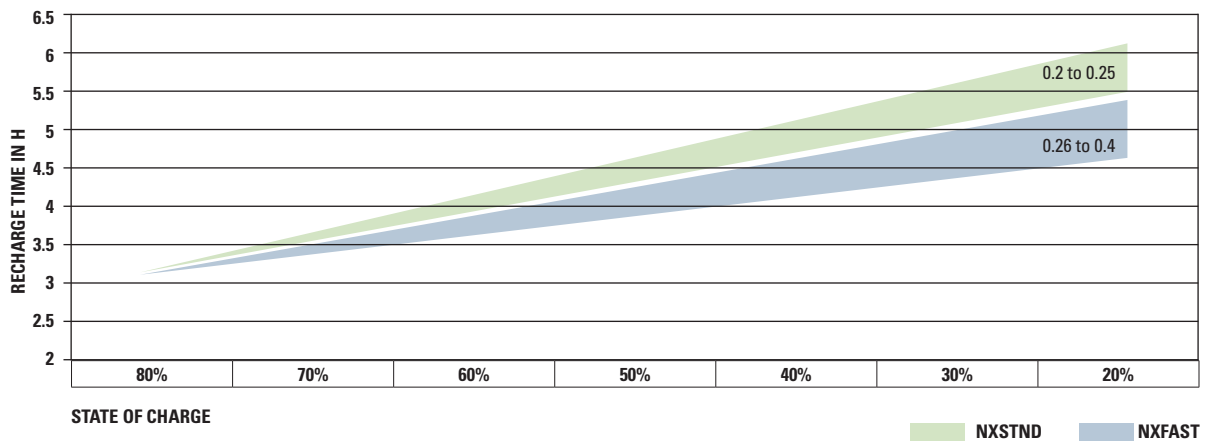
### NEXSYS® TPPL CELLS OPEN CIRCUIT VOLTAGE VS % DEPTH OF DISCHARGE



### 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.



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