

HANDLE MATERIALS, NOT MAINTENANCE. TRUST THE POWER OF NEXSYS® TPPL.

NexSys® TPPL battery solutions provide maintenance-free power for thousands of applications worldwide.

Optimized for fast- and opportunity-charging, NexSys® TPPL batteries feature advanced Thin Plate Pure Lead (TPPL) technology, that is ideal for light- to medium-duty applications and never needs watering or charging, slashing downtime and maintenance costs.

Upgrade your NexSys® TPPL batteries with our Accelerated Throughput Package (ATP) to improve charging performance and thermal management.

This optional upgrade boosts energy throughput capability to help keep your equipment productive in high-volume applications.



NexSys®
TPPL



Efficiently charge during breaks to eliminate battery changing, and charge without long equalization.



Maintenance-free power with no battery watering or washing requirements and no chance of spills.



Integrated plug-and-play power systems with compatible components from one trusted supplier.



System power and performance with ownership costs verified before purchase and a warranty you can count on.

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	Cell length	Total cell height**	Cell width	Cell weight ±5%	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	C ₅ Ah	mm	mm	mm	kg	Wh	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	1.33
6NXS492	2	492	119	435	198	29	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	923	1.156	1.85
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*3	2	1000	155	600	198	55.2	1.621	2.028	3.245
10NXS1250 4P*3	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	907	1.136	1.817
5NXS700	2	700	101	675	198	39.3	1.134	1.42	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	3.18
8NXS1120 4P*3	2	1120	155	675	198	63.1	1.815	2.271	3.634
10NXS1400 4P*3	2	1400	192	675	198	77.5	2.269	2.839	4.543
4NXS600*1	2	600	83	725	198	34.6	972	1.217	1.947
5NXS750*1	2	750	101	725	198	42.6	1.215	1.521	2.434
6NXS900*1 4P*3	2	900	119	725	198	50.5	1.458	1.825	2.921

*1 2V range extension, available only in selected regions. Subject to specific application, usage and requirements.

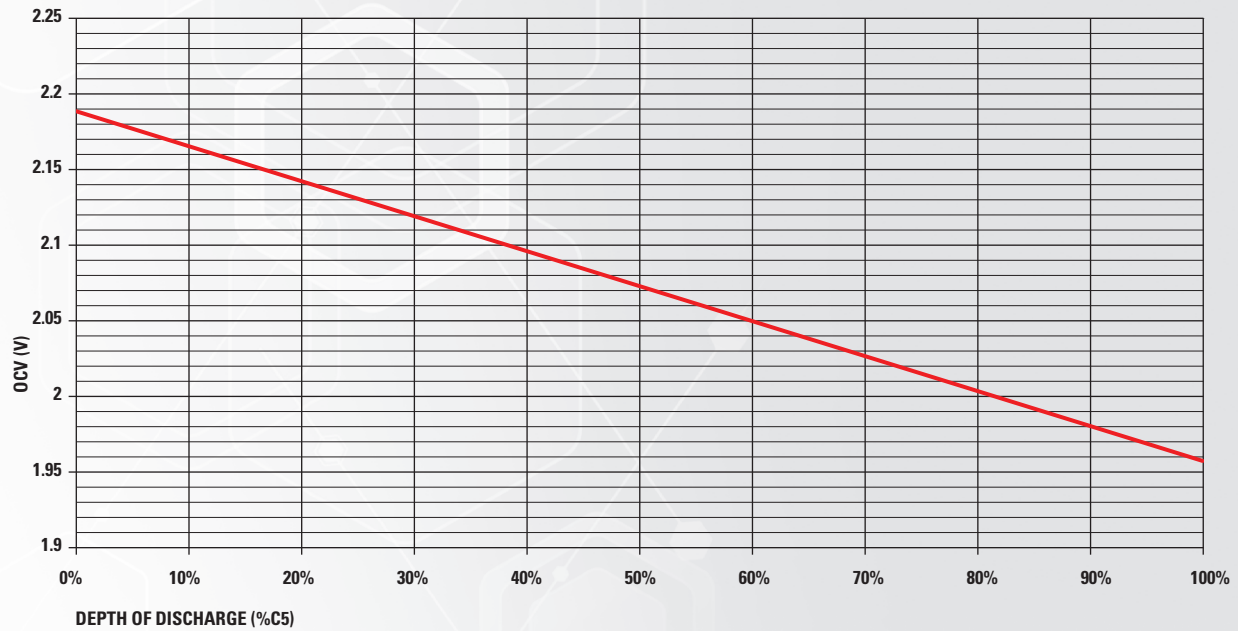
*2 Overlid height = Overall height - 30 mm.

*3 4P = 4 post cell configuration for high discharge and recharge currents.

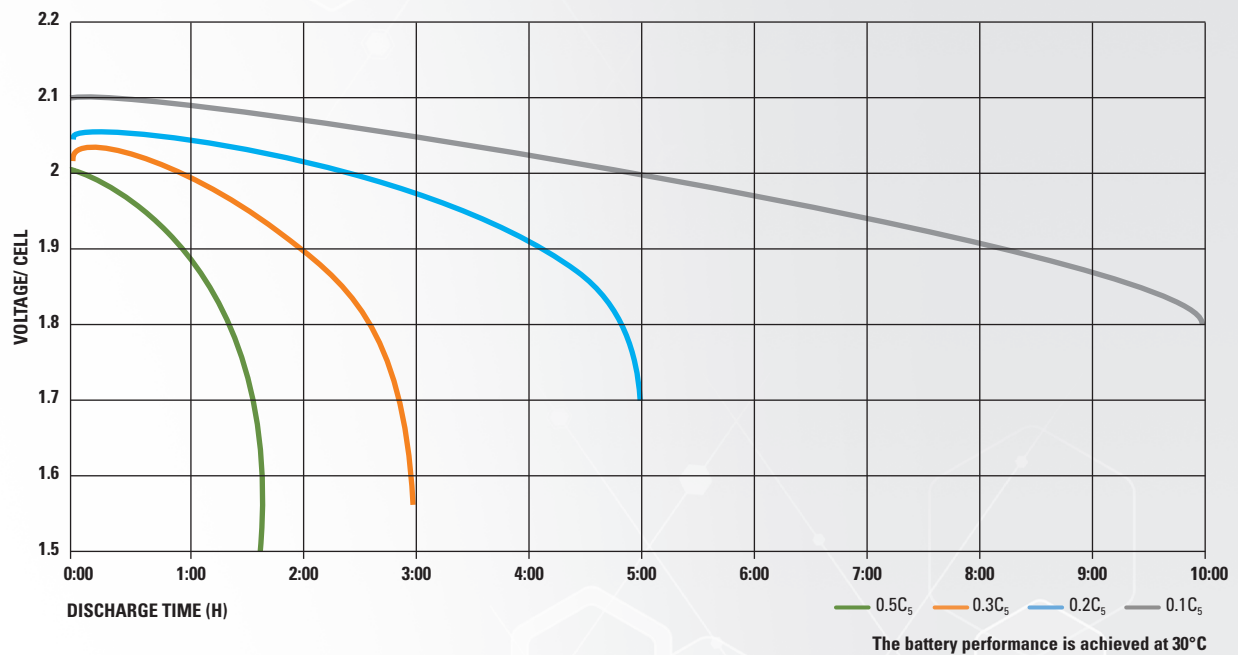
NEXSYS® TPPL battery cells, with bolt-on connectors, dimensions according to IEC 254-2 Series E standard

Cell type	Nominal cell voltage	Nominal capacity 1.7VPC @30°C	Cell length	Total cell height	Cell width	Cell weight ±5%	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	C ₅ Ah	mm	mm	mm	kg	Wh	Wh	Wh
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

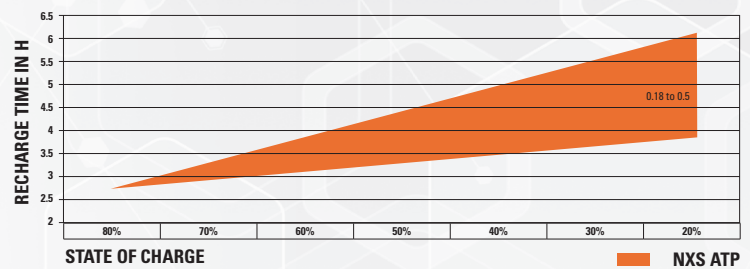
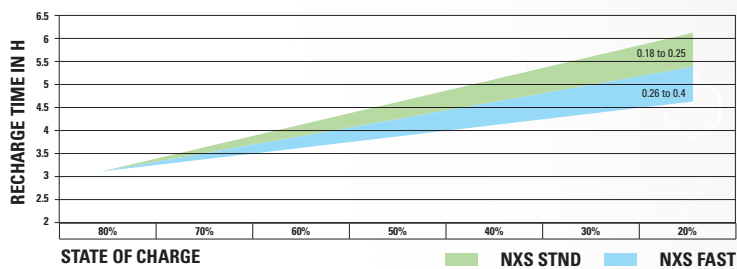
NexSys® TPPL Cells: Open Circuit Voltage vs % Depth Of Discharge



NexSys® TPPL Cells: Discharge curves at various discharge rates-schematic discharge



NexSys® TPPL Batteries: Time for full recharge at various initial State of Charge



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