

Performance and durability acc. Battery Regulation EU2023/1542 (Attachment IV, Part A)

Cell type	Nominal capacity C5 (Ah)	Expected capacity fade (%)	Power (Wpc) - (P5h @ 1,0 Vpc, T = 20°C)	Expected power fade (%) - (P5h @ 1,0 Vpc, T = 20°C)	Internal resistance per cell (mΩ)	Expected internal resistance increase (%)	Expected lifetime acc. DIN EN 50547 @ 15°C - Experience values service life (cycles / years)	Round trip efficiency (%)	Round trip efficiency fade (%)
FNC 40 LR2 (40Ah)	40	10	9,46	10	2,7725	N/A	15 years	N/A	N/A
FNC 45 LR2 (45Ah)	45	10	10,64	10	2,4644	N/A	15 years	N/A	N/A
FNC 60 LR2 (60Ah)	60	10	14,19	10	1,8483	N/A	15 years	N/A	N/A
FNC 65 LR2 (65Ah)	65	10	15,37	10	1,7062	N/A	15 years	N/A	N/A
FNC 80 LR2 (80Ah)	80	10	18,92	10	1,3863	N/A	15 years	N/A	N/A
FNC 90 LR2 (90Ah)	90	10	21,29	10	1,2322	N/A	15 years	N/A	N/A
FNC 100 LR2 (100Ah)	100	10	23,65	10	1,1090	N/A	15 years	N/A	N/A
FNC 110 LR2 (110Ah)	110	10	26,02	10	1,0082	N/A	15 years	N/A	N/A
FNC 120 LR2 (120Ah)	120	10	28,38	10	0,9242	N/A	15 years	N/A	N/A
FNC 130 LR2 (130Ah)	130	10	30,75	10	0,8531	N/A	15 years	N/A	N/A
FNC 140 LR2 (140Ah)	140	10	33,11	10	0,7921	N/A	15 years	N/A	N/A
FNC 155 LR2 (155Ah)	155	10	36,66	10	0,7155	N/A	15 years	N/A	N/A
FNC 160 LR2 (160Ah)	160	10	37,84	10	0,6931	N/A	15 years	N/A	N/A
FNC 175 LR2 (175Ah)	175	10	41,39	10	0,6337	N/A	15 years	N/A	N/A
FNC 180 LR2 (180Ah)	180	10	42,57	10	0,6161	N/A	15 years	N/A	N/A
FNC 200 LR2 (200Ah)	200	10	47,30	10	0,5545	N/A	15 years	N/A	N/A
FNC 220 LR2 (220Ah)	220	10	52,03	10	0,5041	N/A	15 years	N/A	N/A
FNC 200 LR3 (200Ah)	200	10	47,30	10	0,5545	N/A	15 years	N/A	N/A
FNC 220 LR3 (220Ah)	220	10	52,03	10	0,5041	N/A	15 years	N/A	N/A
FNC 235 LR3 (235Ah)	235	10	55,58	10	0,4719	N/A	15 years	N/A	N/A
FNC 260 LR3 (260Ah)	260	10	61,49	10	0,4265	N/A	15 years	N/A	N/A
FNC 265 LR3 (265Ah)	265	10	62,67	10	0,4185	N/A	15 years	N/A	N/A
FNC 295 LR3 (295Ah)	295	10	69,77	10	0,3759	N/A	15 years	N/A	N/A
FNC 300 LR3 (300Ah)	300	10	70,95	10	0,3697	N/A	15 years	N/A	N/A
FNC 335 LR3 (335Ah)	335	10	79,23	10	0,3310	N/A	15 years	N/A	N/A
FNC 370 LR3 (370Ah)	370	10	87,51	10	0,2997	N/A	15 years	N/A	N/A
FNC 150 LR4 (150Ah)	150	10	35,48	10	0,8733	N/A	15 years	N/A	N/A
FNC 160 LR4 (160Ah)	160	10	37,84	10	0,8188	N/A	15 years	N/A	N/A
FNC 185 LR4 (185Ah)	185	10	43,75	10	0,7081	N/A	15 years	N/A	N/A
FNC 200 LR4 (200Ah)	200	10	47,30	10	0,6550	N/A	15 years	N/A	N/A
FNC 225 LR4 (225Ah)	225	10	53,21	10	0,5822	N/A	15 years	N/A	N/A
FNC 240 LR4 (240Ah)	240	10	56,76	10	0,5458	N/A	15 years	N/A	N/A
FNC 265 LR4 (265Ah)	265	10	62,67	10	0,4943	N/A	15 years	N/A	N/A
FNC 280 LR4 (280Ah)	280	10	66,22	10	0,4679	N/A	15 years	N/A	N/A
FNC 300 LR4 (300Ah)	300	10	70,95	10	0,4367	N/A	15 years	N/A	N/A
FNC 320 LR4 (320Ah)	320	10	75,68	10	0,4094	N/A	15 years	N/A	N/A
FNC 340 LR4 (340Ah)	340	10	80,41	10	0,3853	N/A	15 years	N/A	N/A

Cell type	Nominal capacity C5 (Ah)	Expected capacity fade (%)	Power (Wpc) - (P5h @ 1,0 Vpc, T = 20°C)	Expected power fade (%) - (P5h @ 1,0 Vpc, T = 20°C)	Internal resistance per cell (mΩ)	Expected internal resistance increase (%)	Expected lifetime acc. DIN EN 50547 @ 15°C - Experience values service life (cycles / years)	Round trip efficiency (%)	Round trip efficiency fade (%)
FNC 360 LR4 (360Ah)	360	10	85,14	10	0,3639	N/A	15 years	N/A	N/A
FNC 375 LR4 (375Ah)	375	10	88,69	10	0,3493	N/A	15 years	N/A	N/A
FNC 400 LR4 (400Ah)	400	10	94,60	10	0,3275	N/A	15 years	N/A	N/A
FNC 415 LR4 (415Ah)	415	10	98,15	10	0,3157	N/A	15 years	N/A	N/A
FNC 440 LR4 (440Ah)	440	10	104,06	10	0,2977	N/A	15 years	N/A	N/A
FNC 450 LR4 (450Ah)	450	10	106,43	10	0,2911	N/A	15 years	N/A	N/A
FNC 480 LR4 (480Ah)	480	10	113,52	10	0,2729	N/A	15 years	N/A	N/A
FNC 490 LR4 (490Ah)	490	10	115,89	10	0,2673	N/A	15 years	N/A	N/A
FNC 520 LR4 (520Ah)	520	10	122,98	10	0,2519	N/A	15 years	N/A	N/A
FNC 525 LR4 (525Ah)	525	10	124,16	10	0,2495	N/A	15 years	N/A	N/A
FNC 560 LR4 (560Ah)	560	10	132,44	10	0,2339	N/A	15 years	N/A	N/A
FNC 40 MR2 (40Ah)	40	10	9,46	10	2,0200	N/A	15 years	N/A	N/A
FNC 45 MR2 (45Ah)	45	10	10,64	10	1,9800	N/A	15 years	N/A	N/A
FNC 60 MR2 (60Ah)	60	10	14,19	10	1,3467	N/A	15 years	N/A	N/A
FNC 65 MR2 (65Ah)	65	10	15,37	10	1,3708	N/A	15 years	N/A	N/A
FNC 80 MR2 (80Ah)	80	10	18,92	10	1,0100	N/A	15 years	N/A	N/A
FNC 90 MR2 (90Ah)	90	10	21,29	10	0,9900	N/A	15 years	N/A	N/A
FNC 100 MR2 (100Ah)	100	10	23,65	10	0,8080	N/A	15 years	N/A	N/A
FNC 110 MR2 (110Ah)	110	10	26,02	10	0,8100	N/A	15 years	N/A	N/A
FNC 120 MR2 (120Ah)	120	10	28,38	10	0,6733	N/A	15 years	N/A	N/A
FNC 130 MR2 (130Ah)	130	10	30,75	10	0,6854	N/A	15 years	N/A	N/A
FNC 140 MR2 (140Ah)	140	10	33,11	10	0,5771	N/A	15 years	N/A	N/A
FNC 155 MR2 (155Ah)	155	10	36,66	10	0,5748	N/A	15 years	N/A	N/A
FNC 160 MR2 (160Ah)	160	10	37,84	10	0,5050	N/A	15 years	N/A	N/A
FNC 175 MR2 (175Ah)	175	10	41,39	10	0,5091	N/A	15 years	N/A	N/A
FNC 180 MR2 (180Ah)	180	10	42,57	10	0,4489	N/A	15 years	N/A	N/A
FNC 200 MR2 (200Ah)	200	10	47,30	10	0,4455	N/A	15 years	N/A	N/A
FNC 200 MR3 (200Ah)	200	10	47,30	10	0,4040	N/A	15 years	N/A	N/A
FNC 220 MR3 (220Ah)	220	10	52,03	10	0,4050	N/A	15 years	N/A	N/A
FNC 235 MR3 (235Ah)	235	10	55,58	10	0,3438	N/A	15 years	N/A	N/A
FNC 260 MR3 (260Ah)	260	10	61,49	10	0,3427	N/A	15 years	N/A	N/A
FNC 265 MR3 (265Ah)	265	10	62,67	10	0,3049	N/A	15 years	N/A	N/A
FNC 295 MR3 (295Ah)	295	10	69,77	10	0,3020	N/A	15 years	N/A	N/A
FNC 300 MR3 (300Ah)	300	10	70,95	10	0,2693	N/A	15 years	N/A	N/A
FNC 335 MR3 (335Ah)	335	10	79,23	10	0,2660	N/A	15 years	N/A	N/A
FNC 150 MR4 (150Ah)	150	10	35,48	10	0,7273	N/A	15 years	N/A	N/A
FNC 160 MR4 (160Ah)	160	10	37,84	10	0,7269	N/A	15 years	N/A	N/A
FNC 185 MR4 (185Ah)	185	10	43,75	10	0,5897	N/A	15 years	N/A	N/A
FNC 200 MR4 (200Ah)	200	10	47,30	10	0,5815	N/A	15 years	N/A	N/A
FNC 225 MR4 (225Ah)	225	10	53,21	10	0,4849	N/A	15 years	N/A	N/A
FNC 240 MR4 (240Ah)	240	10	56,76	10	0,4846	N/A	15 years	N/A	N/A
FNC 265 MR4 (265Ah)	265	10	62,67	10	0,4117	N/A	15 years	N/A	N/A

Cell type	Nominal capacity C5 (Ah)	Expected capacity fade (%)	Power (Wpc) - (P5h @ 1,0 Vpc, T = 20°C)	Expected power fade (%) - (P5h @ 1,0 Vpc, T = 20°C)	Internal resistance per cell (mΩ)	Expected internal resistance increase (%)	Expected lifetime acc. DIN EN 50547 @ 15°C - Experience values service life (cycles / years)	Round trip efficiency (%)	Round trip efficiency fade (%)
FNC 280 MR4 (280Ah)	280	10	66,22	10	0,4154	N/A	15 years	N/A	N/A
FNC 300 MR4 (300Ah)	300	10	70,95	10	0,3637	N/A	15 years	N/A	N/A
FNC 320 MR4 (320Ah)	320	10	75,68	10	0,3634	N/A	15 years	N/A	N/A
FNC 340 MR4 (340Ah)	340	10	80,41	10	0,3209	N/A	15 years	N/A	N/A
FNC 360 MR4 (360Ah)	360	10	85,14	10	0,3231	N/A	15 years	N/A	N/A
FNC 375 MR4 (375Ah)	375	10	88,69	10	0,2909	N/A	15 years	N/A	N/A
FNC 400 MR4 (400Ah)	400	10	94,60	10	0,2908	N/A	15 years	N/A	N/A
FNC 415 MR4 (415Ah)	415	10	98,15	10	0,2629	N/A	15 years	N/A	N/A
FNC 440 MR4 (440Ah)	440	10	104,06	10	0,2643	N/A	15 years	N/A	N/A
FNC 450 MR4 (450Ah)	450	10	106,43	10	0,2424	N/A	15 years	N/A	N/A
FNC 480 MR4 (480Ah)	480	10	113,52	10	0,2423	N/A	15 years	N/A	N/A
FNC 490 MR4 (490Ah)	490	10	115,89	10	0,2227	N/A	15 years	N/A	N/A
FNC 35 HR2 (35Ah)	35	10	8,54	10	1,0114	N/A	15 years	N/A	N/A
FNC 38 HR2 (38Ah)	38	10	9,27	10	1,0132	N/A	15 years	N/A	N/A
FNC 45 HR2 (45Ah)	45	10	10,98	10	0,7867	N/A	15 years	N/A	N/A
FNC 50 HR2 (50Ah)	50	10	12,20	10	0,7700	N/A	15 years	N/A	N/A
FNC 58 HR2 (58Ah)	58	10	14,15	10	0,6103	N/A	15 years	N/A	N/A
FNC 65 HR2 (65Ah)	65	10	15,86	10	0,5923	N/A	15 years	N/A	N/A
FNC 70 HR2 (70Ah)	70	10	17,08	10	0,5057	N/A	15 years	N/A	N/A
FNC 75 HR2 (75Ah)	75	10	18,30	10	0,5133	N/A	15 years	N/A	N/A
FNC 80 HR2 (80Ah)	80	10	19,52	10	0,4425	N/A	15 years	N/A	N/A
FNC 90 HR2 (90Ah)	90	10	21,96	10	0,4278	N/A	15 years	N/A	N/A
FNC 95 HR2 (95Ah)	95	10	23,18	10	0,3726	N/A	15 years	N/A	N/A
FNC 105 HR2 (105Ah)	105	10	25,62	10	0,3667	N/A	15 years	N/A	N/A
FNC 115 HR2 (115Ah)	115	10	28,06	10	0,3348	N/A	15 years	N/A	N/A
FNC 125 HR2 (125Ah)	125	10	30,50	10	0,3080	N/A	15 years	N/A	N/A
FNC 140 HR2 (140Ah)	140	10	34,16	10	0,2750	N/A	15 years	N/A	N/A
FNC 150 HR2 (150Ah)	150	10	36,60	10	0,2567	N/A	15 years	N/A	N/A
FNC 140 HR3 (140Ah)	140	10	34,16	10	0,3129	N/A	15 years	N/A	N/A
FNC 155 HR3 (155Ah)	155	10	37,82	10	0,3123	N/A	15 years	N/A	N/A
FNC 160 HR3 (160Ah)	160	10	39,04	10	0,2738	N/A	15 years	N/A	N/A
FNC 175 HR3 (175Ah)	175	10	42,70	10	0,2766	N/A	15 years	N/A	N/A
FNC 180 HR3 (180Ah)	180	10	43,92	10	0,2433	N/A	15 years	N/A	N/A
FNC 195 HR3 (195Ah)	195	10	47,58	10	0,2482	N/A	15 years	N/A	N/A
FNC 200 HR3 (200Ah)	200	10	48,80	10	0,2190	N/A	15 years	N/A	N/A
FNC 220 HR3 (220Ah)	220	10	53,68	10	0,2200	N/A	15 years	N/A	N/A
FNC 240 HR3 (240Ah)	240	10	58,56	10	0,2017	N/A	15 years	N/A	N/A
FNC 265 HR3 (265Ah)	265	10	64,66	10	0,1826	N/A	15 years	N/A	N/A
FNC 25 XR2 (25Ah)	25	10	6,21	10	1,1880	N/A	15 years	N/A	N/A
FNC 40 XR2 (40Ah)	40	10	9,94	10	0,7425	N/A	15 years	N/A	N/A
FNC 45 XR2 (45Ah)	45	10	11,18	10	0,6600	N/A	15 years	N/A	N/A
FNC 65 XR2 (65Ah)	65	10	16,15	10	0,4569	N/A	15 years	N/A	N/A

Cell type	Nominal capacity C5 (Ah)	Expected capacity fade (%)	Power (Wpc) - (P5h @ 1,0 Vpc, T = 20°C)	Expected power fade (%) - (P5h @ 1,0 Vpc, T = 20°C)	Internal resistance per cell (mΩ)	Expected internal resistance increase (%)	Expected lifetime acc. DIN EN 50547 @ 15°C - Experience values service life (cycles / years)	Round trip efficiency (%)	Round trip efficiency fade (%)
FNC 90 XR2 (90Ah)	90	10	22,37	10	0,3300	N/A	15 years	N/A	N/A
FNC 115 XR2 (115Ah)	115	10	28,58	10	0,2583	N/A	15 years	N/A	N/A
FNC 130 XR3 (130Ah)	130	10	32,31	10	0,2777	N/A	15 years	N/A	N/A
FNC 140 XR3 (140Ah)	140	10	34,79	10	0,2579	N/A	15 years	N/A	N/A
FNC 155 XR3 (153Ah)	155	10	38,52	10	0,2329	N/A	15 years	N/A	N/A
FNC 165 XR3 (165Ah)	165	10	41,00	10	0,2188	N/A	15 years	N/A	N/A
FNC 175 XR3 (175Ah)	175	10	43,49	10	0,2063	N/A	15 years	N/A	N/A
FNC 190 XR3 (190Ah)	190	10	47,22	10	0,1900	N/A	15 years	N/A	N/A
FNC 200 XR3 (200Ah)	200	10	49,70	10	0,1805	N/A	15 years	N/A	N/A
FNC-HT 40 MR2 (40Ah)	40	10	9,46	10	2,3125	N/A	15 years	N/A	N/A
FNC-HT 60 MR2 (60Ah)	60	10	14,19	10	1,5417	N/A	15 years	N/A	N/A
FNC-HT 85 MR2 (85Ah)	85	10	20,10	10	1,0882	N/A	15 years	N/A	N/A
FNC-HT 105 MR2 (105Ah)	105	10	24,83	10	0,8810	N/A	15 years	N/A	N/A
FNC-HT 125 MR2 (125Ah)	125	10	29,56	10	0,7400	N/A	15 years	N/A	N/A
FNC-HT 145 MR2 (145Ah)	145	10	34,29	10	0,6379	N/A	15 years	N/A	N/A
FNC-HT 165 MR2 (165Ah)	165	10	39,02	10	0,5606	N/A	15 years	N/A	N/A
FNC-HT 190 MR2 (190Ah)	190	10	44,94	10	0,4868	N/A	15 years	N/A	N/A
FNC-HT 210 MR3 (210Ah)	210	10	49,67	10	0,4405	N/A	15 years	N/A	N/A
FNC-HT 225 MR3 (225Ah)	225	10	53,21	10	0,4111	N/A	15 years	N/A	N/A
FNC-HT 245 MR3 (245Ah)	245	10	57,94	10	0,3776	N/A	15 years	N/A	N/A
FNC-HT 250 MR3 (250Ah)	250	10	59,13	10	0,3700	N/A	15 years	N/A	N/A
FNC-HT 280 MR3 (280Ah)	280	10	66,22	10	0,3304	N/A	15 years	N/A	N/A
FNC-HT 285 MR3 (285Ah)	285	10	67,40	10	0,3246	N/A	15 years	N/A	N/A
FNC-HT 320 MR3 (320Ah)	320	10	75,68	10	0,2891	N/A	15 years	N/A	N/A
FNC-HT 38 HR2 (38Ah)	38	10	9,27	10	1,1132	N/A	15 years	N/A	N/A
FNC-HT 50 HR2 (50Ah)	50	10	12,20	10	0,8460	N/A	15 years	N/A	N/A
FNC-HT 65 HR2 (65Ah)	65	10	15,86	10	0,6508	N/A	15 years	N/A	N/A
FNC-HT 75 HR2 (75Ah)	75	10	18,30	10	0,5640	N/A	15 years	N/A	N/A
FNC-HT 90 HR2 (90Ah)	90	10	21,96	10	0,4700	N/A	15 years	N/A	N/A
FNC-HT 105 HR2 (105Ah)	105	10	25,62	10	0,4029	N/A	15 years	N/A	N/A
FNC-HT 115 HR2 (115Ah)	115	10	28,06	10	0,3678	N/A	15 years	N/A	N/A
FNC-HT 125 HR2 (125Ah)	125	10	30,50	10	0,3384	N/A	15 years	N/A	N/A
FNC-HT 140 HR2 (140Ah)	140	10	34,16	10	0,3021	N/A	15 years	N/A	N/A
FNC-HT 150 HR2 (150Ah)	150	10	36,60	10	0,2820	N/A	15 years	N/A	N/A
FNC-HT 155 HR3 (155Ah)	155	10	37,82	10	0,3387	N/A	15 years	N/A	N/A
FNC-HT 160 HR3 (160Ah)	160	10	39,04	10	0,3281	N/A	15 years	N/A	N/A
FNC-HT 175 HR3 (175Ah)	175	10	42,70	10	0,3000	N/A	15 years	N/A	N/A
FNC-HT 180 HR3 (180Ah)	180	10	43,92	10	0,2917	N/A	15 years	N/A	N/A
FNC-HT 195 HR3 (195Ah)	195	10	47,58	10	0,2692	N/A	15 years	N/A	N/A
FNC-HT 200 HR3 (200Ah)	200	10	48,80	10	0,2625	N/A	15 years	N/A	N/A
FNC-HT 220 HR3 (220Ah)	220	10	53,68	10	0,2386	N/A	15 years	N/A	N/A
FNC-HT 240 HR3 (240Ah)	240	10	58,56	10	0,2188	N/A	15 years	N/A	N/A

Cell type	Nominal capacity C5 (Ah)	Expected capacity fade (%)	Power (Wpc) - (P5h @ 1,0 Vpc, T = 20°C)	Expected power fade (%) - (P5h @ 1,0 Vpc, T = 20°C)	Internal resistance per cell (mΩ)	Expected internal resistance increase (%)	Expected lifetime acc. DIN EN 50547 @ 15°C - Experience values service life (cycles / years)	Round trip efficiency (%)	Round trip efficiency fade (%)
FNC-HT 265 HR3 (265Ah)	265	10	64,66	10	0,1981	N/A	15 years	N/A	N/A
HNCS 130 XR2	130	10	35,56	10	0,3580	N/A	15 years	N/A	N/A
HNCS 165 XR2	165	10	45,13	10	0,2820	N/A	15 years	N/A	N/A
HNCS 190 XR2	190	10	51,97	10	0,2450	N/A	15 years	N/A	N/A
HNCS 230 XR2	230	10	62,91	10	0,1989	N/A	15 years	N/A	N/A