

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

Cell type	Nominal capacity C10 (Ah)	Expected capacity fade (%)	Power (Wpc) - (P10h @ 1,80 Vpc, T = 20°C)	Expected power fade (%) - (P10h @ 1,80 Vpc, T = 20°C)	Internal resistance per cell (mΩ)	Expected internal resistance increase (%)	Expected lifetime acc. DIN EN 61427-2 / ZVEI - Experience values service life(cycles / years)	Round trip efficiency (%)	Round trip efficiency fade (%)
grid power V X 2-75	78	< 5	15,2	< 5	1,516	>35	18 years	N/A	N/A
grid power V X 2-100	104	< 5	20,2	< 5	1,137	>35	18 years	N/A	N/A
grid power V X 2-125	130	< 5	25,2	< 5	0,910	>35	18 years	N/A	N/A
grid power V X 2-150	156	< 5	30,3	< 5	0,758	>35	18 years	N/A	N/A
grid power V X 2-175	182	< 5	35,3	< 5	0,650	>35	18 years	N/A	N/A
grid power V X 2-200	208	< 5	40,4	< 5	0,568	>35	18 years	N/A	N/A
grid power V X 2-225	234	< 5	45,4	< 5	0,505	>35	18 years	N/A	N/A
grid power V X 2-250	260	< 5	50,5	< 5	0,455	>35	18 years	N/A	N/A
grid power V X 2-275	286	< 5	55,5	< 5	0,414	>35	18 years	N/A	N/A
grid power V X 2-300	312	< 5	60,6	< 5	0,379	>35	18 years	N/A	N/A
grid power V X 2-325	338	< 5	65,6	< 5	0,350	>35	18 years	N/A	N/A
grid power V X 2-350	364	< 5	70,7	< 5	0,325	>35	18 years	N/A	N/A
grid power V X 2-375	390	< 5	75,7	< 5	0,303	>35	18 years	N/A	N/A
grid power V X 2-400	416	< 5	80,8	< 5	0,284	>35	18 years	N/A	N/A
grid power V X 2-425	442	< 5	85,8	< 5	0,267	>35	18 years	N/A	N/A
grid power V X 2-450	468	< 5	90,9	< 5	0,252	>35	18 years	N/A	N/A
grid power V X 2-500	550	< 5	105,1	< 5	0,305	>35	18 years	N/A	N/A
grid power V X 2-600	660	< 5	126,1	< 5	0,254	>35	18 years	N/A	N/A
grid power V X 2-700	770	< 5	147,2	< 5	0,217	>35	18 years	N/A	N/A
grid power V X 2-800	880	< 5	168,2	< 5	0,190	>35	18 years	N/A	N/A
grid power V X 2-900	990	< 5	189,2	< 5	0,169	>35	18 years	N/A	N/A
grid power V X 2-1000	1100	< 5	210,2	< 5	0,152	>35	18 years	N/A	N/A
grid power V X 2-1100	1210	< 5	231,3	< 5	0,138	>35	18 years	N/A	N/A
grid power V X 2-1200	1320	< 5	252,3	< 5	0,127	>35	18 years	N/A	N/A
grid power V X 2-1300	1430	< 5	273,3	< 5	0,117	>35	18 years	N/A	N/A
grid power V X 2-1400	1540	< 5	294,3	< 5	0,108	>35	18 years	N/A	N/A
grid power V X 2-1500	1650	< 5	315,3	< 5	0,101	>35	18 years	N/A	N/A
grid power V X 2-1600	1760	< 5	336,4	< 5	0,095	>35	18 years	N/A	N/A
grid power V X 2-1700	1870	< 5	357,4	< 5	0,089	>35	18 years	N/A	N/A
grid power V X 2-1800	1980	< 5	378,4	< 5	0,084	>35	18 years	N/A	N/A
grid power V X 2-1900	2090	< 5	399,4	< 5	0,080	>35	18 years	N/A	N/A
grid power V X 2-2000	2200	< 5	420,5	< 5	0,076	>35	18 years	N/A	N/A
grid power V X 2-2100	2310	< 5	441,5	< 5	0,072	>35	18 years	N/A	N/A
grid power V X 2-2200	2420	< 5	462,5	< 5	0,069	>35	18 years	N/A	N/A

Cell type	Nominal capacity C10 (Ah)	Expected capacity fade (%)	Power (Wpc) - (P10h @ 1,80 Vpc, T = 20 °C)	Expected power fade (%) - (P10h @ 1,80 Vpc, T = 20 °C)	Internal resistance per cell (mΩ)	Expected internal resistance increase (%)	Expected lifetime acc. DIN EN 61427-2 / ZVEI - Experience values service life(cycles / years)	Round trip efficiency (%)	Round trip efficiency fade (%)
grid power V X 2-2300	2530	< 5	483,5	< 5	0,066	>35	18 years	N/A	N/A
grid power V X 2-2400	2640	< 5	504,5	< 5	0,064	>35	18 years	N/A	N/A
grid power V X 2-2500	2750	< 5	525,6	< 5	0,061	>35	18 years	N/A	N/A
grid power V X 2-2600	2860	< 5	546,6	< 5	0,058	>35	18 years	N/A	N/A
grid power V H 2-130	132	20	26,3	20	1,163	>35	14 years	N/A	N/A
grid power V H 2-175	176	20	35,0	20	0,872	>35	14 years	N/A	N/A
grid power V H 2-220	220	20	43,8	20	0,698	>35	14 yeras	N/A	N/A
grid power V H 2-265	264	20	52,6	20	0,582	>35	14 years	N/A	N/A
grid power V H 2-310	308	20	61,3	20	0,498	>35	14 years	N/A	N/A
grid power V H 2-355	352	20	70,1	20	0,436	>35	14 years	N/A	N/A
grid power V H 2-400	396	20	78,8	20	0,388	>35	14 years	N/A	N/A
grid power V H 2-445	440	20	87,6	20	0,349	>35	14 years	N/A	N/A
grid power V H 2-490	484	20	96,4	20	0,317	>35	14 years	N/A	N/A
grid power V H 2-410	406	20	78,9	20	0,586	>35	14 years	N/A	N/A
grid power V H 2-510	507	20	98,5	20	0,469	>35	14 years	N/A	N/A
grid power V H 2-610	609	20	118,3	20	0,391	>35	14 years	N/A	N/A
grid power V H 2-710	710	20	137,9	20	0,335	>35	14 years	N/A	N/A
grid power V H 2-810	812	20	157,7	20	0,293	>35	14 years	N/A	N/A
grid power V H 2-910	913	20	177,3	20	0,261	>35	14 years	N/A	N/A
grid power V H 2-1010	1010	20	196,2	20	0,235	>35	14 years	N/A	N/A
grid power V H 2-1120	1120	20	217,5	20	0,213	>35	14 years	N/A	N/A
grid power V H 2-1220	1220	20	237,0	20	0,195	>35	14 years	N/A	N/A
grid power V H 2-1320	1320	20	256,4	20	0,180	>35	14 years	N/A	N/A
grid power V H 2-1420	1420	20	275,8	20	0,168	>35	14 years	N/A	N/A
grid power V H 2-1520	1520	20	295,2	20	0,156	>35	14 years	N/A	N/A
grid power V H 2-1620	1620	20	314,7	20	0,147	>35	14 years	N/A	N/A
grid power V H 2-1720	1720	20	334,1	20	0,138	>35	14 years	N/A	N/A
grid power V H 2-1740	1740	20	337,6	20	0,158	>35	14 years	N/A	N/A
grid power V H 2-1860	1860	20	360,9	20	0,148	>35	14 years	N/A	N/A
grid power V H 2-1980	1970	20	382,3	20	0,139	>35	14 years	N/A	N/A
grid power V H 2-2100	2090	20	405,6	20	0,131	>35	14 years	N/A	N/A
grid power V H 2-2340	2320	20	450,2	20	0,118	>35	14 years	N/A	N/A
grid power V H 2-2820	2780	20	539,4	20	0,099	>35	14 years	N/A	N/A
grid power V H 2-3060	3020	20	586,0	20	0,091	>35	14 years	N/A	N/A
grid power V H 2-3300	3250	20	630,6	20	0,085	>35	14 years	N/A	N/A

Cell type	Nominal capacity C10 (Ah)	Expected capacity fade (%)	Power (Wpc) - (P10h @ 1.80 Vpc, T = 20 °C)	Expected power fade (%) - (P10h @ 1.80 Vpc, T = 20 °C)	Internal resistance per cell (mΩ)	Expected internal resistance increase (%)	Expected lifetime acc. DIN EN 61427-2 / ZVEI - Experience values service life (cycles / years)	Round trip efficiency (%)	Round trip efficiency fade (%)
grid power V H 2-3540	3480	20	675,3	20	0,079	>35	14 years	N/A	N/A
grid power V H 2-3780	3710	20	719,9	20	0,074	>35	14 years	N/A	N/A
grid power V H 2-4020	3950	20	766,5	20	0,070	>35	14 years	N/A	N/A
grid power V H 2-4260	4180	20	811,1	20	0,066	>35	14 years	N/A	N/A
grid power V H 6-20 (OGi bloc)	23	20	4,6	20	13,146	>35	12 years	N/A	N/A
grid power V H 6-40 (OGi bloc)	46	20	9,2	20	6,573	>35	12 years	N/A	N/A
grid power V H 6-60 (OGi bloc)	70	20	13,8	20	4,382	>35	12 years	N/A	N/A
grid power V H 6-80 (OGi bloc)	93	20	18,4	20	3,287	>35	12 years	N/A	N/A
grid power V H 6-100 (OGi bloc)	116	20	23,1	20	2,629	>35	12 years	N/A	N/A
grid power V H 6-110 (OGi bloc)	139	20	27,7	20	2,191	>35	12 years	N/A	N/A
grid power V H 6-130 (OGi bloc)	174	20	33,9	20	2,427	>35	12 years	N/A	N/A
grid power V H 6-160 (OGi bloc)	218	20	42,4	20	1,942	>35	12 years	N/A	N/A
grid power V H 6-200 (OGi bloc)	261	20	50,9	20	1,618	>35	12 years	N/A	N/A
grid power V H 4-230 (OGi bloc)	305	20	59,3	20	0,925	>35	12 years	N/A	N/A
grid power V H 4-260 (OGi bloc)	348	20	67,8	20	0,809	>35	12 years	N/A	N/A
grid power V H 4-20 (OGi bloc)	23	20	4,6	20	8,764	>35	12 years	N/A	N/A
grid power V H 4-40 (OGi bloc)	46	20	9,2	20	4,382	>35	12 years	N/A	N/A
grid power V H 4-60 (OGi bloc)	70	20	13,8	20	2,921	>35	12 years	N/A	N/A
grid power V H 4-80 (OGi bloc)	93	20	18,4	20	2,191	>35	12 years	N/A	N/A
grid power V H 4-100 (OGi bloc)	116	20	23,1	20	1,753	>35	12 years	N/A	N/A
grid power V H 4-110 (OGi bloc)	139	20	27,7	20	1,461	>35	12 years	N/A	N/A
grid power V H 4-130 (OGi bloc)	174	20	33,9	20	1,618	>35	12 years	N/A	N/A
grid power V H 4-160 (OGi bloc)	218	20	42,4	20	1,294	>35	12 years	N/A	N/A
grid power V H 4-200 (OGi bloc)	261	20	50,9	20	1,079	>35	12 years	N/A	N/A
grid power V H 2-230 (OGi bloc)	305	20	59,3	20	0,462	>35	12 years	N/A	N/A
grid power V H 2-260 (OGi bloc)	348	20	67,8	20	0,405	>35	12 years	N/A	N/A
12 V grid power VH 20	23	20	4,6	20	26,292	>35	12 years	N/A	N/A
12 V grid power VH 40	46	20	9,2	20	13,146	>35	12 years	N/A	N/A
12 V grid power VH 60	70	20	13,8	20	8,764	>35	12 years	N/A	N/A
12 V grid power VH 80	93	20	18,4	20	6,573	>35	12 years	N/A	N/A
12 V grid power VH 100	116	20	23,1	20	5,258	>35	12 years	N/A	N/A
12 V grid power VH 110	139	20	27,7	20	4,382	>35	12 years	N/A	N/A
12 V grid power VH 130	174	20	33,9	20	4,854	>35	12 years	N/A	N/A
12 V grid power VH 160	218	20	42,4	20	3,883	>35	12 years	N/A	N/A
12 V grid power VH 200	261	20	50,9	20	3,236	>35	12 years	N/A	N/A

Cell type	Nominal capacity C10 (Ah)	Expected capacity fade (%)	Power (Wpc) - (P10h @ 1.80 Vpc, T = 20 °C)	Expected power fade (%) - (P10h @ 1.80 Vpc, T = 20 °C)	Internal resistance per cell (mΩ)	Expected internal resistance increase (%)	Expected lifetime acc. DIN EN 61427-2 / ZVEI - Experience values service life (cycles / years)	Round trip efficiency (%)	Round trip efficiency fade (%)
24 V grid power VH 20	23	20	4,6	20	52,584	>35	12 years	N/A	N/A
24 V grid power VH 40	46	20	9,2	20	26,292	>35	12 years	N/A	N/A
24 V grid power VH 60	70	20	13,8	20	17,528	>35	12 years	N/A	N/A
24 V grid power VH 80	93	20	18,4	20	13,146	>35	12 years	N/A	N/A
24 V grid power VH 100	116	20	23,1	20	10,517	>35	12 years	N/A	N/A
24 V grid power VH 110	139	20	27,7	20	8,764	>35	12 years	N/A	N/A
24 V grid power VH 130	174	20	33,9	20	9,708	>35	12 years	N/A	N/A
24 V grid power VH 160	218	20	42,4	20	7,766	>35	12 years	N/A	N/A
24 V grid power VH 200	261	20	50,9	20	6,472	>35	12 years	N/A	N/A
24 V grid power VH 230	305	20	59,3	20	5,547	>35	12 years	N/A	N/A
24 V grid power VH 260	348	20	67,8	20	4,854	>35	12 years	N/A	N/A
grid power V M 2-125	125	20	24,7	20	1,353	>35	14 years	N/A	N/A
grid power V M 2-170	167	20	33,0	20	1,015	>35	14 years	N/A	N/A
grid power V M 2-210	209	20	41,3	20	0,812	>35	14 years	N/A	N/A
grid power V M 2-250	250	20	49,4	20	0,677	>35	14 years	N/A	N/A
grid power V M 2-290	292	20	57,7	20	0,580	>35	14 years	N/A	N/A
grid power V M 2-330	334	20	66,0	20	0,507	>35	14 years	N/A	N/A
grid power V M 2-370	361	20	72,5	20	0,451	>35	14 years	N/A	N/A
grid power V M 2-410	401	20	80,5	20	0,406	>35	14 years	N/A	N/A
grid power V M 2-440	441	20	88,6	20	0,369	>35	14 years	N/A	N/A
grid power V M 2-360	359	20	70,1	20	0,591	>35	14 years	N/A	N/A
grid power V M 2-450	448	20	87,6	20	0,473	>35	14 years	N/A	N/A
grid power V M 2-540	538	20	105,1	20	0,394	>35	14 years	N/A	N/A
grid power V M 2-630	628	20	122,6	20	0,338	>35	14 years	N/A	N/A
grid power V M 2-720	718	20	140,1	20	0,295	>35	14 years	N/A	N/A
grid power V M 2-810	807	20	157,6	20	0,263	>35	14 years	N/A	N/A
grid power V M 2-900	897	20	175,1	20	0,236	>35	14 years	N/A	N/A
grid power V M 2-990	987	20	192,6	20	0,215	>35	14 years	N/A	N/A
grid power V M 2-1080	1080	20	210,7	20	0,197	>35	14 years	N/A	N/A
grid power V M 2-1170	1170	20	228,3	20	0,182	>35	14 years	N/A	N/A
grid power V M 2-1260	1260	20	245,9	20	0,169	>35	14 years	N/A	N/A
grid power V M 2-1350	1350	20	263,4	20	0,158	>35	14 years	N/A	N/A
grid power V M 2-1440	1440	20	281,0	20	0,148	>35	14 years	N/A	N/A
grid power V M 2-1530	1520	20	297,7	20	0,139	>35	14 years	N/A	N/A
grid power V M 2-1590	1590	20	308,0	20	0,168	>35	14 years	N/A	N/A

Cell type	Nominal capacity C10 (Ah)	Expected capacity fade (%)	Power (Wpc) - (P10h @ 1,80 Vpc, T = 20 °C)	Expected power fade (%) - (P10h @ 1,80 Vpc, T = 20 °C)	Internal resistance per cell (mΩ)	Expected internal resistance increase (%)	Expected lifetime acc. DIN EN 61427-2 / ZVEI - Experience values service life(cycles / years)	Round trip efficiency (%)	Round trip efficiency fade (%)
grid power V M 2-1700	1690	20	328,1	20	0,157	>35	14 years	N/A	N/A
grid power V M 2-1810	1800	20	348,7	20	0,148	>35	14 years	N/A	N/A
grid power V M 2-1920	1900	20	369,1	20	0,140	>35	14 years	N/A	N/A
grid power V M 2-2140	2120	20	410,7	20	0,126	>35	14 years	N/A	N/A
grid power V M 2-2560	2540	20	492,1	20	0,105	>35	14 years	N/A	N/A
grid power V M 2-2780	2750	20	533,2	20	0,097	>35	14 years	N/A	N/A
grid power V M 2-3000	2960	20	574,2	20	0,090	>35	14 years	N/A	N/A
grid power V M 2-3220	3170	20	615,2	20	0,084	>35	14 years	N/A	N/A
grid power V M 2-3440	3390	20	656,7	20	0,079	>35	14 years	N/A	N/A
grid power V M 2-3660	3600	20	697,4	20	0,074	>35	14 years	N/A	N/A
grid power V M 2-3880	3810	20	738,2	20	0,070	>35	14 years	N/A	N/A
grid power V M 6-50	80	20	15,8	20	5,235	>35	14 years	N/A	N/A
grid power V M 6-100	120	20	23,7	20	3,490	>35	14 years	N/A	N/A
grid power V M 6-150	160	20	31,6	20	2,618	>35	14 years	N/A	N/A
grid power V M 6-200	240	20	45,2	20	1,745	>35	14 years	N/A	N/A
grid power V L 2-215	213	20	41,2	20	0,923	>35	15 years	N/A	N/A
grid power V L 2-270	266	20	51,4	20	0,738	>35	15 years	N/A	N/A
grid power V L 2-325	320	20	61,9	20	0,615	>35	15 years	N/A	N/A
grid power V L 2-390	390	20	75,4	20	0,744	>35	15 years	N/A	N/A
grid power V L 2-470	468	20	90,5	20	0,620	>35	15 years	N/A	N/A
grid power V L 2-550	546	20	105,6	20	0,531	>35	15 years	N/A	N/A
grid power V L 2-690	686	20	130,7	20	0,435	>35	15 years	N/A	N/A
grid power V L 2-805	801	20	152,5	20	0,374	>35	15 years	N/A	N/A
grid power V L 2-920	915	20	174,3	20	0,326	>35	15 years	N/A	N/A
grid power V L 2-1035	1026	20	195,5	20	0,291	>35	15 years	N/A	N/A
grid power V L 2-1150	1140	20	217,2	20	0,261	>35	15 years	N/A	N/A
grid power V L 2-1265	1256	20	239,2	20	0,238	>35	15 years	N/A	N/A
grid power V L 2-1380	1370	20	261,0	20	0,218	>35	15 years	N/A	N/A
grid power V L 2-1610	1610	20	306,4	20	0,212	>35	15 years	N/A	N/A
grid power V L 2-1880	1881	20	358,0	20	0,182	>35	15 years	N/A	N/A
grid power V L 2-2015	2016	20	383,8	20	0,170	>35	15 years	N/A	N/A
grid power V L 2-2150	2150	20	409,1	20	0,159	>35	15 years	N/A	N/A
grid power V L 2-2420	2412	20	459,0	20	0,141	>35	15 years	N/A	N/A
grid power V L 2-2555	2546	20	484,5	20	0,134	>35	15 years	N/A	N/A
grid power V L 2-2690	2680	20	510,0	20	0,127	>35	15 years	N/A	N/A

Cell type	Nominal capacity C10 (Ah)	Expected capacity fade (%)	Power (Wpc) - (P10h @ 1.80 Vpc, T = 20 °C)	Expected power fade (%) - (P10h @ 1.80 Vpc, T = 20 °C)	Internal resistance per cell (mΩ)	Expected internal resistance increase (%)	Expected lifetime acc. DIN EN 61427-2 / ZVEI - Experience values service life (cycles / years)	Round trip efficiency (%)	Round trip efficiency fade (%)
grid power V L 2-2960	2952	20	561,7	20	0,116	>35	15 years	N/A	N/A
grid power V L 2-3095	3086	20	587,2	20	0,111	>35	15 years	N/A	N/A
grid power V L 2-3230	3220	20	612,7	20	0,106	>35	15 years	N/A	N/A
grid power V L 2-3500	3488	20	663,8	20	0,098	>35	15 years	N/A	N/A
grid power V L 12-50	50	20	9,6	20	16,200	>35	13 years	N/A	N/A
grid power V L 12-100	101	20	19,4	20	8,100	>35	13 years	N/A	N/A
grid power V L 12-150	151	20	29,0	20	7,500	>35	13 yeras	N/A	N/A
grid power V L 6-200	202	20	38,8	20	2,800	>35	13 years	N/A	N/A
grid power V L 6-250	252	20	48,4	20	2,200	>35	13 yeras	N/A	N/A
grid power V L 6-300	302	20	58,0	20	1,900	>35	13 years	N/A	N/A
grid power V L 10-50	50	20	9,6	20	13,500	>35	13 yeras	N/A	N/A
grid power V L 10-100	101	20	19,4	20	6,750	>35	13 years	N/A	N/A
grid power V L 10-150	151	20	29,0	20	6,250	>35	13 yeras	N/A	N/A
grid power V L 4-200	202	20	38,8	20	1,867	>35	13 years	N/A	N/A
grid power V L 4-250	252	20	48,4	20	1,467	>35	13 years	N/A	N/A
grid power V L 4-300	302	20	58,0	20	1,267	>35	13 yeras	N/A	N/A
sun power V L 2-280 (OPzS)	213	20	41,2	20	0,923	>35	2100 cycles / 15 years	71,2	71,2
sun power V L 2-350 (OPzS)	266	20	51,4	20	0,738	>35	2100 cycles / 15 years	71,2	71,2
sun power V L 2-420 (OPzS)	320	20	61,9	20	0,615	>35	2100 cycles / 15 years	71,2	71,2
sun power V L 2-520 (OPzS)	390	20	75,4	20	0,744	>35	2100 cycles / 15 years	71,2	71,2
sun power V L 2-620 (OPzS)	468	20	90,5	20	0,620	>35	2100 cycles / 15 years	71,2	71,2
sun power V L 2-730 (OPzS)	546	20	105,6	20	0,531	>35	2100 cycles / 15 years	71,2	71,2
sun power V L 2-910 (OPzS)	686	20	130,7	20	0,435	>35	2100 cycles / 15 years	71,2	71,2
sun power V L 2-1070 (OPzS)	801	20	152,5	20	0,374	>35	2100 cycles / 15 years	71,2	71,2
sun power V L 2-1220 (OPzS)	915	20	174,3	20	0,326	>35	2100 cycles / 15 years	71,2	71,2
sun power V L 2-1370 (OPzS)	1026	20	195,5	20	0,291	>35	2100 cycles / 15 years	71,2	71,2
sun power V L 2-1520 (OPzS)	1140	20	217,2	20	0,261	>35	2100 cycles / 15 years	71,2	71,2
sun power V L 2-1670 (OPzS)	1256	20	239,2	20	0,238	>35	2100 cycles / 15 years	71,2	71,2
sun power V L 2-1820 (OPzS)	1370	20	261,0	20	0,218	>35	2100 cycles / 15 years	71,2	71,2
sun power V L 2-2170 (OPzS)	1610	20	306,4	20	0,212	>35	2100 cycles / 15 years	71,2	71,2
sun power V L 2-2540 (OPzS)	1881	20	358,0	20	0,182	>35	2100 cycles / 15 years	71,2	71,2
sun power V L 2-2900 (OPzS)	2150	20	409,1	20	0,159	>35	2100 cycles / 15 years	71,2	71,2
sun power V L 2-3250 (OPzS)	2412	20	459,0	20	0,141	>35	2100 cycles / 15 years	71,2	71,2
sun power V L 2-3610 (OPzS)	2680	20	510,0	20	0,127	>35	2100 cycles / 15 years	71,2	71,2
sun power V L 2-3980 (OPzS)	2952	20	561,7	20	0,116	>35	2100 cycles / 15 years	71,2	71,2

Cell type	Nominal capacity C10 (Ah)	Expected capacity fade (%)	Power (Wpc) - (P10h @ 1,80 Vpc, T = 20 °C)	Expected power fade (%) - (P10h @ 1,80 Vpc, T = 20 °C)	Internal resistance per cell (mΩ)	Expected internal resistance increase (%)	Expected lifetime acc. DIN EN 61427-2 / ZVEI - Experience values service life (cycles / years)	Round trip efficiency (%)	Round trip efficiency fade (%)
sun power V L 2-4340 (OPzS)	3220	20	612,7	20	0,106	>35	2100 cycles / 15 years	71,2	71,2
sun power V L 2-4700 (OPzS)	3488	20	663,8	20	0,098	>35	2100 cycles / 15 years	71,2	71,2
sun power V L 12-70 (OPzS bloc)	50	20	9,6	20	16,200	>35	1950 cycles / 13 years	71,2	71,2
sun power V L 12-130 (OPzS bloc)	101	20	19,4	20	8,100	>35	1950 cycles / 13 years	71,2	71,2
sun power V L 12-200 (OPzS bloc)	151	20	29,0	20	7,500	>35	1950 cycles / 13 years	71,2	71,2
sun power V L 6-270 (OPzS bloc)	202	20	38,8	20	2,800	>35	1950 cycles / 13 years	71,2	71,2
sun power V L 6-330 (OPzS bloc)	252	20	48,4	20	2,200	>35	1950 cycles / 13 years	71,2	71,2
sun power V L 6-400 (OPzS bloc)	302	20	58,0	20	1,900	>35	1950 cycles / 13 years	71,2	71,2