

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

Cell type	Nominal capacity C5 (Ah)	Expected capacity fade (%)	Power (Wpc) - (P5h @ 1,60 Vpc, T = 20°C)	Expected power fade (%) - (P5h @ 1,60 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 (%)
2 HPzS 120 (120Ah)	120	10	45,7	10	N/A	N/A	Min. 4 years	N/A	N/A
3 HPzS 180 (180Ah)	180	10	68,6	10	N/A	N/A	Min. 4 years	N/A	N/A
4 HPzS 240 (240Ah)	240	10	91,4	10	N/A	N/A	Min. 4 years	N/A	N/A
5 HPzS 300 (300Ah)	300	10	114,3	10	N/A	N/A	Min. 4 years	N/A	N/A
6 HPzS 360 (360Ah)	360	10	137,2	10	N/A	N/A	Min. 4 years	N/A	N/A
7 HPzS 420 (420Ah)	420	10	160,0	10	N/A	N/A	Min. 4 years	N/A	N/A
8 HPzS 480 (480Ah)	480	10	182,9	10	N/A	N/A	Min. 4 years	N/A	N/A
9 HPzS 540 (540Ah)	540	10	205,7	10	N/A	N/A	Min. 4 years	N/A	N/A
10 HPzS 600 (600Ah)	600	10	228,6	10	N/A	N/A	Min. 4 years	N/A	N/A
2 HPzS 160 (160Ah)	160	10	61,0	10	N/A	N/A	Min. 4 years	N/A	N/A
3 HPzS 240 (240Ah)	240	10	91,4	10	N/A	N/A	Min. 4 years	N/A	N/A
4 HPzS 320 (320Ah)	320	10	121,9	10	N/A	N/A	Min. 4 years	N/A	N/A
5 HPzS 400 (400Ah)	400	10	152,4	10	N/A	N/A	Min. 4 years	N/A	N/A
6 HPzS 480 (480Ah)	480	10	182,9	10	N/A	N/A	Min. 4 years	N/A	N/A
7 HPzS 560 (560Ah)	560	10	213,4	10	N/A	N/A	Min. 4 years	N/A	N/A
8 HPzS 640 (640Ah)	640	10	243,8	10	N/A	N/A	Min. 4 years	N/A	N/A
9 HPzS 720 (720Ah)	720	10	274,3	10	N/A	N/A	Min. 4 years	N/A	N/A
10 HPzS 800 (800Ah)	800	10	304,8	10	N/A	N/A	Min. 4 years	N/A	N/A
rail.power 12V (58Ah)	58	10	22,5	10	8,594	N/A	Min. 4 years	N/A	N/A
rail.power 12V (78Ah)	78	10	30,3	10	6,816	N/A	Min. 4 years	N/A	N/A
rail.power 12V (100 Ah)	100	10	38,8	10	4,800	N/A	Min. 4 years	N/A	N/A
rail.power 12V (115Ah)	115	10	44,6	10	5,664	N/A	Min. 4 years	N/A	N/A
rail.power 12V (130Ah)	130	10	50,4	10	3,700	N/A	Min. 4 years	N/A	N/A
rail.power 12V (150Ah)	150	10	58,2	10	3,700	N/A	Min. 4 years	N/A	N/A
rail.power 12V (170Ah)	170	10	66,0	10	1,900	N/A	Min. 4 years	N/A	N/A
rail.power 6V (170Ah)	170	10	66,0	10	1,800	N/A	Min. 4 years	N/A	N/A
rail.power 6V (220Ah)	220	10	85,4	10	1,350	N/A	Min. 4 years	N/A	N/A
rail.power 2V (220Ah)	220	10	85,4	10	0,536	N/A	Min. 4 years	N/A	N/A
rail.power 2V (308Ah)	308	10	119,5	10	0,376	N/A	Min. 4 years	N/A	N/A
rail.power 2V (375Ah)	375	10	145,5	10	0,270	N/A	Min. 4 years	N/A	N/A