

Voltage class >80V lithium-ion battery

Values for the parameters of electrochemical performance and shelf life in accordance with EU Battery Regulation 2023/1542, Article 10, Annex IV Part A:

Article number	Rated capacity [Ah]	Capacity fade [%]	Power [W]	Power fade [%]	Internal resistance [mΩ]	Internal resistance increase [%]	Energy round trip efficiency [%]	Energy round trip efficiency fade [%]	Expected life time	
									In cycles [n]	In years [a]
51585504	500	40	43.200	0,3	3,4	15	94,1	0,88	4000	10
51585505	500	40	43.200	0,3	3,4	15	94,1	0,88	4000	10
51585506	500	40	43.200	0,3	3,4	15	94,1	0,88	4000	10
51856824	260	40	26.624	1,3	34,2	15	91,3	1,3	3500	10
51962722	395	40	35.653	0,6	5,5	16,3	94,8	0,03	4000	10
51966351	400	40	41.595	0,6	4,9	15,6	94,8	0,03	4000	10
51966352	400	40	41.595	0,6	4,9	15,6	94,8	0,03	4000	10
51966353	400	40	41.595	0,6	4,9	15,6	94,8	0,03	4000	10
51966354	455	40	47.538	0,6	4,5	14,9	94,8	0,03	4000	10
51966355	570	40	59.422	0,6	4	13,8	94,8	0,03	4000	10
51966356	570	40	59.422	0,6	4	13,8	94,8	0,03	4000	10
51972640	455	40	47.538	0,6	4,5	14,9	94,8	0,03	4000	10
51972644	570	40	59.422	0,6	4	13,8	94,8	0,03	4000	10

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51972653	570	40	59.422	0,6	4	13,8	94,8	0,03	4000	10
51980250	395	40	35.653	0,6	5,5	16,3	94,8	0,03	4000	10

The values given for the parameters of electrochemical performance and durability correspond to the requirements of Article 10 (1) EU Battery Regulation and were compiled (measured, calculated and estimated) on the basis of cell data and manufacturer information. The elements specified in Annex IV Part B were taken into account; however, in the absence of harmonised standardisation, other values may result under real operating conditions and customer applications.

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