

Performance and Durability Parameters

according to EU 2023/1542 (Article 10, Annex VII Part A) and for persons with legitimate interest (according to Annex XII (4))

Battery (EU28, CH, NO, AUS, NZ)	Part-Numbers	Rated Capacity	Capacity Fade*	Power**	Power Fade***	Internal Resistance (typical RDC50)	Internal Resistance Increase *	Expected Lifetime			
		in Ah	in %	in W	in %	in Ohm	in %	in full charge cycles	in years typical		
PowerTube 500	EB12.100.017 EB12.100.016 EB12.100.032 EB12.100.031	13.4	≤10	775	0	0.1	10	≥800	10		
	PowerTube 625	EB12.100.011 EB12.100.010 EB12.100.036 EB12.100.035					16.7			6	
		PowerTube 750					EB12.100.00X EB12.100.00W EB12.100.03A EB12.100.039			20.1	6
							PowerTube 600			EB12.100.04V EB12.100.04W	16.7
	PowerTube 800	EB12.100.04Z EB12.100.050 EB12.100.053, EB12.100.054								22.2	20
		CompactTube 400				EB12.100.020 EB12.100.047 EB12.100.048 EB12.100.049 EB12.100.04A	11.1			0.2	10

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		in Ah	in %	in W	in %	in Ohm	in %	in full charge cycles	in years typical
PowerMore 250	EB1210002S	6.7	≤10	650	0	0.2	10	≥800	10
PowerPack 400 Frame	EB12.100.00L	11.1		775			16		
PowerPack 545 Frame	EB12.100.04M	14.4		13					
PowerPack 725 Frame	EB12.100.04P	19.2		8					
PowerPack 800 Frame	EB12.100.00N	22.2		20					
PowerPack 500 Rack	EB12.100.02P	13.6		9					
PowerPack Rack 400	EB12.100.02N	10.8		2					

Remarks: *typical value after 4-6 years of usage | **maximum power used by system | ***no power fade in eBike system

Harmonized standards are not defined yet, performance and durability parameters extracted based on field data and internal measurements.

Expected lifetime can vary widely depending on usage conditions and does not describe the end of life of the battery; reaching the expected lifetime does not imply the emergence of a safety critical state.

Usage profiles in general can vary widely depending on the environmental conditions and user behavior.