



Electrochemical performance and service life parameters for FAZUA RIDE 60 batteries*

Item number	Item description	Serial number	Rated output (Ah)**	Capacity loss (%)**	Power (W)**		Loss of performance (%)**		Internal resistance (Ω)**	Increase in internal resistance (%)**	Expected service life (charge cycles)**
					at 80%**	at 20%**	at 80%**	at 20%**			
20A103000A	FAZUA ENERGY 430	xxxS3xxxxxxxxxxx	9.8	< 20	320.95	69.61	20	20	0.081	20	500
		xxxB3xxxxxxxxxxx	10	< 20	330.83	71.73	20	20	0.18	20	800
		xxxL3xxxxxxxxxxx	9.8	< 20	322.07	69.84	20	20	0.126	20	1000
20A101000A	FAZUA ENERGY 430 fix	xxxS3xxxxxxxxxxx	9.8	< 20	320.95	69.61	20	20	0.081	20	500
		xxxB3xxxxxxxxxxx	10	< 20	330.83	71.73	20	20	0.18	20	800
		xxxL3xxxxxxxxxxx	9.8	< 20	322.07	69.84	20	20	0.126	20	1000

* The table has been created in compliance with the requirement for adherence to REGULATION (EU) 2023/1542 Article 10 part A of annex IV.

** For reference only

Explanation of the individual values:

- [1] "Rated output"
Total number of ampere hours (Ah) that can be taken from a fully charged battery under reference conditions.
- [2] "Capacity loss"
Decrease in the amount of charge (over time and during use) that a battery can deliver at rated output compared to the original rated output.
- [3] "Power"
Quantity of energy that a battery can deliver in a specific period under reference conditions.
- [4] "Loss of performance"
Decrease in quantity of energy (over time and during use) that a battery can deliver at rated output.
- [5] "Internal resistance"
Opposition of a cell or a battery to the current flow under reference conditions, i.e. the sum of electronic resistance and ionic resistance as a contribution to the effective overall resistance including inductive/capacitive properties.