

# **(5-30)-S0**

## **Battery Data Attributes**

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**EN Battery Data Attributes**

Attribute	(5-30)-S0
Rated capacity	100 Ah
Capacity fade	100% – Remaining capacity <sup>[b]</sup> (when SOC = 100%)/Rated capacity (%)
Original power capability	2500 W
Power capability fade	0%
Maximum permitted battery power	2500 W
Initial round trip energy efficiency <sup>[a]</sup>	96%
Round trip energy efficiency at 50% of cycle life	96%
Round trip energy efficiency fade	(Initial round trip energy efficiency – Remaining round trip energy efficiency <sup>[b]</sup> )/Initial round trip energy efficiency x 100%
Initial internal resistance on battery cell level	0-1.5 mΩ
Initial internal resistance on battery pack level	25.0 mΩ
Internal resistance increase on battery pack level	(Current internal resistance <sup>[b]</sup> – Initial internal resistance <sup>[b]</sup> )/Initial internal resistance x 100%
Expected lifetime (Number of charge-discharge cycles <sup>[c]</sup> )	4380
Expected lifetime (calendar years)	10 years
Note [a]: This parameter is calculated in the scenario when energy optimizers are not used. Note [b]: This parameter can be viewed in the battery management system. Note [c]: This parameter indicates the expected lifetime in the maximum self-consumption scenario in Europe.	