

PERFORMANCE AND DURABILITY DATA

according to European battery regulation EU 2023/1542

SAFT SAS declares that the following goods can achieve the below mentioned performance and durability data.

Product name: SPH 45
Part number: 207473
Manufactured by: SAFT SAS
111 Bvd Alfred Daney
33074 Bordeaux
France

Parameter	Unit	Value	Test method
Capacity	Ah	45.00	IEC62259:2003 Ch 7.2.1
Capacity fade	%	1	IEC62259:2003 Ch 7.10
Power (20%)	W	184.05	IEC60623 Ch 7.3.2
Power (80%)	W	229.05	IEC60623 Ch 7.3.2
Power fade (20%)	%	0	IEC60623 Ch 7.9
Power fade (80%)	%	0	IEC60623 Ch 7.9
Internal resistance	mOhm	1.1	IEC60623 Ch 7.3.2 @5h with 2C discharge spikes at regular intervals to 1.0V/cell
Internal resistance increase	%	0	IEC60623 Ch 7.3.2 @5h with 2C discharge spikes at regular intervals to 1.0V/cell
Energy round trip efficiency	%	N/A	N/A
Energy roundtrip efficiency fade	%	N/A	N/A
Cycle life	Cycles	N/A	N/A
Expected lifetime of the battery	Years	20	With proper handling at 20 °C based on field experience