

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: BTR STH520 x18
 Part number (model): 207420
 Manufactured by: SAFT SAS
 111, Bd Alfred Daney, 33000 Bordeaux, France

Parameter	Unit	Value	Test method
Rated capacity	Ah	52	IEC 60623, §7.3.2, Capa test 5hours
Capacity fade	%	0	IEC 60623, §7.9, After 1 year storage test
Power @ 80%SOC	W	4764	IEC 60623, §7.3.2, Power at max current according to cell type
Power @ 20%SOC	W	3828	IEC 60623, §7.3.2, Power at max current according to cell type
Power fade @80%SOC	%	0	IEC 60623, §7.9, After 1 year storage test
Power fade @20%SOC	%	0	IEC 60623, §7.9, After 1 year storage test
Internal resistance	mΩ	21	Internal method, Ohm-meter @1KHz frequency
Internal resistance increase	%	0	IEC 60623, §7.9, After 1 year storage test
Energy round trip efficiency	%	N/A	N/A
Energy round trip efficiency fade	%	N/A	N/A
Expected lifetime	Nb of cycles	N/A	N/A
Expected lifetime	Years	15	Field experiences & historical studies