

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 STH800 x20 EN CHAS.
Part number (model): 208545
Manufactured by: SAFT SAS
111, Bd Alfred Daney, 33000 Bordeaux, France

| Parameter | Unit | Value | Test method |
|-----------------------------------|--------------|-------|---|
| Rated capacity | Ah | 80 | IEC 60623, §7.3.2, Capa test 5hours |
| Capacity fade | % | 0 | IEC 60623, §7.9, After 1 year storage test |
| Power @ 80%SOC | W | 8144 | IEC 60623, §7.3.2, Power at max current according to cell type |
| Power @ 20%SOC | W | 6544 | 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 | 24 | 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 |