

## 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 x38  
Part number (model): 208640  
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,<br>Capa test 5hours                            |
| Capacity fade                           | %               | 0     | IEC 60623, §7.9,<br>After 1 year storage test                     |
| Power @<br>80%SOC                       | W               | 15474 | IEC 60623, §7.3.2,<br>Power at max current according to cell type |
| Power @<br>20%SOC                       | W               | 12434 | IEC 60623, §7.3.2,<br>Power at max current according to cell type |
| Power fade<br>@80%SOC                   | %               | 0     | IEC 60623, §7.9,<br>After 1 year storage test                     |
| Power fade<br>@20%SOC                   | %               | 0     | IEC 60623, §7.9,<br>After 1 year storage test                     |
| Internal<br>resistance                  | mΩ              | 44    | Internal method, Ohm-meter @1KHz<br>frequency                     |
| Internal<br>resistance<br>increase      | %               | 0     | IEC 60623, §7.9,<br>After 1 year storage test                     |
| Energy round<br>trip efficiency         | %               | N/A   | N/A   |
| Energy round<br>trip efficiency<br>fade | %               | N/A   | N/A   |
| Expected<br>lifetime                    | Nb of<br>cycles | N/A   | N/A   |
| Expected<br>lifetime                    | Years           | 15    | Field experiences & historical studies                            |