

Certificate of Selected Tests

Certificate Number

UL CST-4791021167

Issue date

2023-10-16

This is to acknowledge that

TCC Energy Storage Technology Corporation

Address: 11 F No 113 Sec. 2, Zhongshan N. Rd., Sec. 2, Taipei City, 104414, TW

has had

UHPC Battery Container, EnergyArk1000 Series

Model: EnergyArk1000-EA01MHM4-00

Ratings: Nominal 958.32 Vdc, 1073.3 KWh (Design Energy), 1041.1 KWh (Operating Energy)

tested and found to meet the requirements in: See Appendix

This Certificate provides a summary of results for the product described above, which has been tested by UL and found to be in compliance with the indicated test procedure.

William Weng, Engineering Manager

William Weng

Issuing body: Underwriters Laboratories Taiwan Co., Ltd.

Test results apply only to the sample(s) actually tested. The client provided all of the test samples for testing. UL did not select the samples or determine whether the samples provided were representative of other manufactured products. UL has not established Follow-Up Service or other surveillance of the product. The client and or manufacturer are solely and fully responsible for conformity of all products to all applicable standards, specifications, or requirements. UL Logo and Marks shall not be used in connection with the above certificate. This UL certificate does not indicate that the sample(s) of the product described herein has been investigated and found to have been in compliance with the entire standard(s) indicated on this certificate, nor does it indicate compliance with any UL certification program requirements

APPENDIX to Certificate No. UL CST- 4791021167 issued 2023-10-16

Manufacturer: TCC Energy Storage Technology Corporation /
No. 16, Changchun St., Xiaogang Dist., Kaohsiung City, 812006,
Taiwan (R.O.C.)

Production site: TCC Energy Storage Technology Corporation /
No. 16, Changchun St., Xiaogang Dist., Kaohsiung City, 812006,
Taiwan (R.O.C.)

Test report number: 4791021167
issued on: 2023-10-16
by: Underwriters Laboratories Taiwan Co., Ltd.
located in: No.260, Daye Rd., Beitou Dist., Taipei City 11268,
Taiwan

Test procedure: IEC 62933-5-2, Electrical energy storage (EES) systems – Part
5-2: Safety requirements for grid-integrated EES systems –
Electrochemical-based systems, Edition 1.0, Issue Date 04/2020

Test result(s): UHPC Battery Container, Model EnergyArk1000-EA01MHM4-00
under test complied with the requirements specified for the type
and site acceptance tests. See below for the details of test
items.

Additional test information: Evaluated test items under this certification:

Type Test Items:
Overcharge, high current charge and earth fault protection test
Dielectric voltage test
Insulation resistance test
Earthing and bonding system check test
Temperature under normal operations test

Site Acceptance Test items
Earthquake impact and vibration
Fire hazards (propagations)
Verification of thermal control operation
Abnormal operations of subsystems for ventilation
Hazards arising from auxiliary, control and communication
system malfunctions

This Certificate shall only be considered valid when accompanied by the referenced Test Report in full.