



Declaration of Conformity

Product Identification

Manufacturer:	modual AG	Phone:	+41 (0)41 244 05 50
Address:	Seewenstrasse 13, 6440 Brunnen, Switzerland	Web:	www.modual.ch
Product:	Serie Basic DC — Stationary DC energy storage system comprising second-life lithium-ion battery cells and modual BMS		
Version:	2.0		
Intended use:	Stationary grid-tied energy storage; residential or commercial premises; indoor installation		

We, modual AG, declare under our sole responsibility that the product described above conforms to the relevant Swiss legislation for placing on the market listed below. Conformity is demonstrated by application of the designated technical standards enumerated herein; under the Switzerland–EU Mutual Recognition Agreement, these correspond to the harmonised (EN) standards.

Applicable Swiss Ordinances and Standards

VEMV — SR 734.5 Electromagnetic Compatibility Ordinance

Swiss EMC ordinance (administered by BAKOM); requirements equivalent to EU Directive 2014/30/EU. EMC class selected for residential/commercial environments.

Standards:

- EN IEC 61000-6-1:2019** — Generic standards — Immunity for residential, commercial and light-industrial environments
- EN IEC 61000-6-3:2021** — Generic standards — Emission standard for residential, commercial and light-industrial environments
- EN 61000-4-2:2009** — Electrostatic discharge immunity test
- EN IEC 61000-4-3:2020** — Radiated, radio-frequency, electromagnetic field immunity test
- EN 61000-4-4:2013** — Electrical fast transient/burst immunity test
- EN 61000-4-5:2014+A1:2017** — Surge immunity test
- EN 61000-4-6:2012** — Immunity to conducted disturbances induced by radio-frequency fields

ChemRRV — SR 814.81, Annex 2.18 Restriction of hazardous substances (RoHS)

Swiss restriction of the use of certain hazardous substances in electrical and electronic equipment; equivalent to EU Directive 2011/65/EU.

Standards:

- EN IEC 63000:2018** — Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

Batteries — ChemRRV Anh. 2.15 / VREG Battery substances, disposal and safety

Battery substance restrictions under ChemRRV (SR 814.81, Annex 2.15); take-back and disposal under VREG (SR 814.620). modual AG is the producer of the repurposed (second-life) battery. Battery safety is demonstrated by the following standards (applied under the general product-safety obligation).

Standards:

- EN IEC 62619:2022** — Safety requirements for secondary lithium cells and batteries for use in industrial applications



EN IEC 62485-2:2018 — Safety requirements for secondary batteries and battery installations — Part 2: Stationary batteries

EN IEC 62485-5:2021 — Safety requirements for secondary batteries and battery installations — Part 5: Safe operation of stationary lithium-ion batteries

EN IEC 63056:2021 — Secondary lithium cells and batteries — Safety requirements for use in electrical energy storage systems

EN IEC 62933-5-2:2020 — Electrical energy storage systems — Safety requirements for grid-integrated EES systems with lithium-based batteries (applied at battery-system level)

EN IEC 62620:2023 — Secondary lithium cells and batteries — Requirements for use in industrial applications (performance)

EN IEC 62281:2019+A1:2021+A2:2023 — Safety of primary and secondary lithium cells and batteries during transport

UN 38.3 (Manual of Tests and Criteria, Ed. 8.0) — Lithium battery transport safety tests

EN IEC 61508 series — Functional safety of electrical/electronic/programmable electronic safety-related systems (BMS protection/contactors disconnection)

Scope notes

NEV (SR 734.26, Low-Voltage Electrical Equipment Ordinance) — not applicable: the product operates at 48 V DC, below the NEV scope (75–1500 V DC).

FAV (SR 784.101.2, Telecommunications Installations Ordinance) — not applicable: the product contains no radio equipment (no Bluetooth/Wi-Fi).

General and electrical safety: ensured in accordance with the Swiss Product Safety Act (PrSG, SR 930.11) and the Product Safety Ordinance (PrSV) together with the battery safety standards listed above.

Declaration

This Declaration of Conformity is issued under the sole responsibility of modual AG. The object of the declaration described above is in conformity with the relevant Swiss legislation listed above (VEMV, ChemRRV). It does not guarantee any property within the meaning of the Swiss Product Liability Act (PrHG).

Note: Installation- and operation-level requirements (NIV, ESTI Directive No. 220, NIN, SNR 460712:2018, VKF fire-protection sheet / SIA 2061) are not product requirements; they are verified on site at commissioning by a licensed installer (SiNa). Grid connection and grid-/plant protection (NA-Schutz, VSE NA/EEA-NE7) are provided by the external inverter and are not part of this DC subsystem.

Place / Date: Brunnen, 16.03.2026

Michael Moratti

Chief Technology Officer, modual AG