



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 AC — Stationary AC energy storage system comprising second-life lithium-ion battery cells, modual BMS, and integrated inverter		
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 and are identical to those of the EU Declaration of Conformity.

Applicable Swiss Ordinances and Designated Standards

NEV — SR 734.26 Electrical safety (Low-Voltage Electrical Equipment Ordinance)

Swiss ordinance on the placing on the market of low-voltage electrical equipment; essential safety requirements equivalent to EU Directive 2014/35/EU (LVD).

Standards:

- EN IEC 62619:2022** — Safety requirements for secondary lithium cells and batteries for use in industrial applications
- EN IEC 62040-1:2019+A11:2021** — Uninterruptible power systems (UPS) — Part 1: Safety requirements
- EN IEC 62109-1:2010** — Safety for power converters for use in photovoltaic power systems — Part 1: General requirements
- EN IEC 62109-2:2011** — Safety for power converters for use in photovoltaic power systems — Part 2: Particular requirements for inverters
- EN 50549-1:2019+AC:2019** — Requirements for generating plants to be connected in parallel with LV distribution networks
- EN IEC 62933-5-2:2020** — Electrical energy storage systems — Safety requirements for grid-integrated EES systems with lithium-based batteries
- EN IEC 62933-1:2024** — Electrical energy storage systems (EES) — Part 1: Terminology
- EN IEC 62933-5-1:2024** — Electrical energy storage systems — Safety requirements for grid-integrated EES systems — Part 5-1: General specifications
- EN 62116:2014** — Utility-interconnected photovoltaic inverters — Test procedure of islanding prevention measures (anti-islanding)
- EN 62423:2012+A11:2021** — Type F and type B residual current operated circuit-breakers (all-current sensitive RCD / RCMU)
- EN IEC 61508 series** — Functional safety of electrical/electronic/programmable electronic safety-related systems

VEMV — SR 734.5 Electromagnetic Compatibility Ordinance



Swiss EMC ordinance (administered by BAKOM); requirements equivalent to EU Directive 2014/30/EU.

Standards:

- EN 61000-6-1:2007** — Generic standards — Immunity for residential, commercial and light-industrial environments
- EN 61000-6-3:2007+A1:2011+AC:2012** — Generic standards — Emission standard for residential, commercial and light-industrial environments
- EN 55014-1:2017+A11:2020** — Requirements for household appliances, electric tools and similar apparatus — Part 1: Emission
- EN 55014-2:1997+A1:2001+A2:2008** — Requirements for household appliances, electric tools and similar apparatus — Part 2: Immunity
- EN 61000-3-12:2011** — Limits for harmonic currents — input current > 16 A and ≤ 75 A per phase
- EN 61000-3-11:2000** — Limitation of voltage changes, voltage fluctuations and flicker — equipment subject to conditional connection
- EN 62311:2008** — Assessment of electronic and electrical equipment related to human exposure restrictions for EM fields (0 Hz – 300 GHz)
- EN IEC 62040-2:2018** — Uninterruptible power systems (UPS) — Part 2: Electromagnetic compatibility (EMC) requirements

FAV — SR 784.101.2 Telecommunications Installations Ordinance (radio)

Swiss ordinance on telecommunications installations; requirements equivalent to EU Directive 2014/53/EU (RED). Applies to the Cerbo GX Bluetooth and Wi-Fi interfaces.

Standards:

- EN IEC 62368-1:2020+A11:2021** — Audio/video, information and communication technology equipment — Safety requirements
- EN 301 489-1 v2.2.3** — Electromagnetic compatibility standard for radio equipment — Part 1: Common technical requirements
- EN 301 489-17 v3.2.4** — Electromagnetic compatibility standard — Specific conditions for Broadband Data Transmission Systems (2.4 GHz Wi-Fi)
- EN 300 328 v2.2.2** — Wideband transmission systems — Data transmission equipment operating in the 2.4 GHz ISM band

Batteries — NEV / ChemRRV / VREG Battery safety and substances

Battery electrical safety under the NEV; 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.

Standards:

- EN IEC 62619:2022** — Safety requirements for secondary lithium cells and batteries for use in industrial applications
- EN IEC 62485-5:2021** — Safety requirements for secondary batteries and battery installations — Stationary batteries
- EN IEC 62485-2:2018** — Safety requirements for secondary batteries and battery installations — Part 2: Stationary batteries
- EN IEC 63056:2021** — Secondary lithium cells and batteries — Safety requirements for use in electrical energy storage systems
- 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 61427-2:2024** — Secondary cells and batteries for renewable energy storage — Part 2: On-grid applications

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

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 (NEV, VEMV, FAV, ChemRRV). It does not guarantee any property within the meaning of the Swiss Product Liability Act (PrHG).

Note: Installation- and operation-level requirements (NIV SR 734.27, ESTI Directive No. 220, NIN SN 411000, SNR 460712:2018, VSE NA/EEA-NE7-CH, VKF fire-protection sheet / SIA 2061) are not product requirements. They are verified on-site during commissioning by a licensed installer (security verification/SiNa) and are addressed in the installation manual and the technical file.

Place / Date: Brunnen, 16.03.2026

Michael Moratti

Chief Technology Officer, modual AG