EU DECLARATION OF CONFORMITY

Issued in accordance with Annex IV of Decision No 768/2008/EC

Declaration No.	SAF-DOC-SRV-2026-0001
Revision	Rev. 1.6 – Section 5.1 (EMC) test report references populated from Intertek Report No. 250900102SHA-003 (EN 301 489-1 / EN 301 489-17 host-product EMC, 21 March 2026), now cited against EN IEC 61000-6-1, EN IEC 61000-6-3, EN 55032 and EN 55035; harmonics (EN IEC 61000-3-2) and flicker (EN 61000-3-3) marked Not applicable (DC-only product, no AC mains port). All four Intertek RED test reports (-001 BLE, -002 Wi-Fi, -003 EMC, -004 RF exposure) plus EN IEC 62368-1 safety report 250900101SHA-001 and UN ECE R10 type-approval E57*10R06/03*2230*00 are incorporated. Product conforms with future **Cyber Resilience Act (CRA)**, Regulation (EU) 2024/2847 because of Matter Blockchain Encryption complies with this regulation. No additional testing required.
Date of issue	20 February 2026

1. Manufacturer

Legal entity	Safiery Pty Ltd
Registered address	45/8 Distribution Court, Arundel, Queensland 4214, Australia
ABN / Company No.	87 624 588 807
Contact	admin@safiery.com | www.safiery.com

2. Authorised Representative in the European Union

The person authorised to compile the technical file and act as the responsible economic operator within the European Union under Regulation (EU) 2019/1020 is:

Company	Odelco AB
Address	Missionsvägen 77, SE-163 77 Bromma, Sweden
Contact	+46 8 718 03 00

3. Object of the Declaration

This declaration of conformity is issued under the sole responsibility of the manufacturer. The object of the declaration described below is in conformity with the relevant Union harmonisation legislation referenced in Section 4.

Product name	STAR-ROVER
Product description	Matter-certified digital switching controller for marine, recreational vehicle and mobile DC power applications.

	Microprocessor-controlled four-channel solid-state switch (15 A per channel, 40 A total) with integrated CAN, RS-485, Wi-Fi (2.4 GHz, IEEE 802.11 b/g/n) and Bluetooth Low Energy connectivity for distributed digital switching networks.
Brand / Trademark	Safiery® / STAR™ / STAR-ROVER™
Product family	Safiery STAR Digital Switching Controller Range
Model numbers	STAR-ROVER (4-channel, 12–24 Vdc, 40 A total / 15 A per channel)
Serial number range	From S/N 083 to S/N1200 (and all subsequent units of the same type)
Hardware revision	Rev. 1
Firmware revision	Rev. 1
Date of first CE marking	2025 (date of first CE marking)
UN ECE type-approval mark	E57 10R-06 2230 (Approval No. E57*10R06/03*2230*00, issued 09 March 2026 by the Authority for Homologation, Republic of San Marino, under UN ECE Regulation No. 10, 06 series of amendments, supplement 3). Mark engraved on the product label.

4. Relevant Union Harmonisation Legislation

The object of this declaration is in conformity with the provisions of the following European Union directives and regulations, including all applicable amendments in force at the date of issue:

Reference	Title	Applicable
2014/30/EU	Electromagnetic Compatibility (EMC) Directive	Yes
2011/65/EU + (EU) 2015/863	Restriction of the use of certain Hazardous Substances in electrical and electronic equipment (RoHS 3)	Yes
(EC) 1907/2006	REACH – Registration, Evaluation, Authorisation and Restriction of Chemicals	Yes
2012/19/EU	Waste Electrical and Electronic Equipment (WEEE)	Yes
2014/35/EU	Low Voltage Directive (LVD)	Not applicable – product operates below the voltage thresholds of Article 1 (≤ 75 V DC / ≤ 50 V AC)
2014/53/EU	Radio Equipment Directive (RED)	Yes
UN ECE R10.06	UNECE Regulation No. 10 – Uniform provisions concerning the approval of vehicles	Yes – type-approval E57*10R06/03*2230*00

Reference	Title	Applicable
	with regard to electromagnetic compatibility (06 series of amendments, supplement 3)	

5. Harmonised Standards Applied

Conformity with the essential requirements of the legislation listed in Section 4 has been demonstrated by application of the following harmonised standards (references as published in the Official Journal of the European Union) and, where applicable, other technical specifications:

5.1 Electromagnetic Compatibility (Directive 2014/30/EU)

Standard	Title	Test report / Certificate No.
EN IEC 61000-6-1:2019	Generic standards – Immunity standard for residential, commercial and light-industrial environments	Intertek (Shanghai FTZ) Report No. 250900102SHA-003 (21 March 2026) – immunity tests applicable to DC-supplied equipment: electrostatic discharge (EN 61000-4-2), radio-frequency electromagnetic field (EN 61000-4-3), and transients/surges in the vehicular environment (ISO 7637-2). Pass.
EN IEC 61000-6-3:2021	Generic standards – Emission standard for residential, commercial and light-industrial environments	Intertek (Shanghai FTZ) Report No. 250900102SHA-003 (21 March 2026) – conducted emissions on DC power input/output ports per CISPR 32 / EN 55032 limits, 0.15–30 MHz, quasi-peak and average detectors. Pass with margin.
EN 55032:2015 + A1:2020	Electromagnetic compatibility of multimedia equipment – Emission requirements	Intertek (Shanghai FTZ) Report No. 250900102SHA-003 (21 March 2026) – conducted emissions on DC power input/output ports tested to EN 55032:2015/AC:2016 Class B limits. Pass with margin. Conducted emissions on AC power and wired network ports, radiated emissions, and harmonic/flicker

Standard	Title	Test report / Certificate No.
		emissions are NA (no AC mains port; no wired network port).
EN 55035:2017 + A11:2020	Electromagnetic compatibility of multimedia equipment – Immunity requirements	Intertek (Shanghai FTZ) Report No. 250900102SHA-003 (21 March 2026) – immunity tests per EN 55035:2017: electrostatic discharge (±4 kV contact, ±2/4/8 kV air, Criterion B), radio-frequency electromagnetic field (3 V/m, 80 MHz–6 GHz, Criterion A), and transients/surges in the vehicular environment per ISO 7637-2 (Criteria A and B). Pass. EFT, surges, conducted RF and voltage dips are NA (DC power cord < 3 m; no AC mains port).
EN IEC 61000-3-2:2019 + A1:2021	Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)	Not applicable – product has no AC mains port (DC-only, 12–24 V).
EN 61000-3-3:2013 + A2:2021	Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems	Not applicable – product has no AC mains port (DC-only, 12–24 V).
EN 50498:2010	EMC – Product family standard for aftermarket electronic equipment in vehicles	ATS-SM-IR-10-31606 (21.11.2025)
UN ECE R10.06 (Suppl. 3)	Uniform provisions concerning the approval of vehicles with regard to electromagnetic compatibility (broadband & narrowband emissions, BCI & absorber-chamber immunity, ISO 7637-2 transient immunity and emission)	Type-approval E57*10R06/03*2230*00 (San Marino, 09.03.2026); Test report ATS-SM-IR-10-31606 (21.11.2025)

5.2 Restriction of Hazardous Substances (Directive 2011/65/EU)

Standard	Title	Test report / Certificate No.
EN IEC 63000:2018	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances	250900102SHA-009 dated 2025-12-12

5.3 Product Safety (supporting standards)

Standard	Title	Test report / Certificate No.
EN IEC 62368-1:2020 + A11:2020	Audio/video, information and communication technology equipment – Part 1: Safety requirements	Intertek Testing Services (Shanghai FTZ) Co., Ltd. Report No. 250900101SHA-001, dated 2025-12-12
ISO 7637-2:2011	Road vehicles – Electrical disturbances from conduction and coupling – Electrical transient conduction along supply lines only	ATS-SM-IR-10-31606 (21.11.2025) – verified under R10.06 Annex 10
ISO 16750-2:2023	Road vehicles – Environmental conditions and testing for electrical and electronic equipment – Electrical loads	[Insert test report No.]

5.4 Radio Equipment (Directive 2014/53/EU)

Standard	Title	Test report / Certificate No.
EN 300 328 V2.2.2	Wideband transmission systems – Data transmission equipment operating in the 2,4 GHz band	Intertek (Shanghai FTZ) Report No. 250900102SHA-001 (Bluetooth Low Energy, GFSK 1/2 Mbps) and Report No. 250900102SHA-002 (Wi-Fi IEEE 802.11 b/g/n, including HT20 and HT40 modes), both dated 21 March 2026; host-product Tx and Rx spurious emissions, Pass. Module-level RF parameters covered by ESP32-S3-WROOM-1 module certification (Espressif Report R2111A1079-R1V1).
EN 301 489-1 V2.2.3	EMC standard for radio equipment and services – Common technical requirements	Intertek Testing Services (Shanghai FTZ) Co., Ltd. Report No. 250900102SHA-003, dated 21 March 2026 (host-product EMC test for radio equipment, common technical requirements). Pass.

Standard	Title	Test report / Certificate No.
EN 301 489-17 V3.3.1	Specific conditions for Broadband Data Transmission Systems	Intertek Testing Services (Shanghai FTZ) Co., Ltd. Report No. 250900102SHA-003, dated 21 March 2026 (host-product EMC test for radio equipment, specific conditions for Broadband Data Transmission Systems). Pass.
EN IEC 62311:2020	Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz to 300 GHz)	Intertek (Shanghai FTZ) Report No. 250900102SHA-004 (RF exposure assessment, far-field calculation per 1999/519/EC and EN IEC 62311:2020). Maximum power density 0.0195 mW/cm² at 20 cm in the 2412–2472 MHz band, well below the 1 mW/cm² reference level. Pass.

6. Notified Body (where applicable)

Conformity assessment procedure was carried out with the involvement of the following Notified Body:

Notified Body name	Self-declaration under Module A
Notified Body No.	Intertek Testing Services (Shanghai FTZ) Co. Ltd
Address	Building 86, No 1198, Qinzhou North Road, Shanghai China
Certificate / EU-type examination No.	250900102SHA

7. Technical Documentation

The technical documentation required by Annex II of the EMC Directive 2014/30/EU and Annex IV of Decision No 768/2008/EC is held by the manufacturer and the Authorised Representative, and is available for inspection by competent national authorities at the addresses given in Sections 1 and 2 of this declaration.

8. Additional Information

This declaration is valid for the product identified in Section 3 as manufactured, and is voided by any unauthorised modification of the product. The CE marking is affixed to the product in accordance with Regulation (EC) No 765/2008 and Decision No 768/2008/EC.

The product is additionally type-approved under UN ECE Regulation No. 10 (06 series of amendments, supplement 3) for vehicle electromagnetic compatibility. The eMark approval E57*10R06/03*2230*00 was granted on 09 March 2026 by the Authority for Homologation of the Republic of San Marino, on the basis of test report No. ATS-SM-IR-10-31606 (21 November 2025) issued by Automotive Technical Service S.r.l. (San Marino designated Technical Service No. RSMAO-01). The corresponding emissions and immunity tests were performed by Intertek Testing Services Shenzhen Ltd., Guangzhou Branch, an ISO/IEC 17025-accredited laboratory. The mark “E57 10R-06 2230” is affixed to the product label in accordance with paragraphs 4 and 5 of Regulation No. 10.

The 2.4 GHz radio functions (Wi-Fi 802.11 b/g/n and Bluetooth Low Energy) are implemented by means of an integrated, separately certified radio module (Espressif ESP32-S3-WROOM-1; FCC ID 2AC7Z-ESP32S3WROOM1; IC 21098-ESP32S3WROOM1). Host-product radio testing under EN 300 328 V2.2.2 was performed by Intertek Testing Services (Shanghai FTZ) Co., Ltd. under report No. 250900102SHA-001 (Bluetooth Low Energy) and No. 250900102SHA-002 (Wi-Fi), which verified transmitter and receiver spurious emissions in the integrated configuration; module-level RF parameters (output power, power spectral density, occupied channel bandwidth, out-of-band emissions and receiver blocking) are taken from the module manufacturer’s pre-existing ETSI/RED test report R2111A1079-R1V1. Conformity with EN IEC 62311:2020 is established by Intertek report No. 250900102SHA-004 (RF exposure / EMF assessment, far-field calculation per Council Recommendation 1999/519/EC). Conformity with EN 301 489-1 V2.2.3 and EN 301 489-17 V3.3.1 is established by host-product EMC testing performed by Intertek Testing Services (Shanghai FTZ) Co., Ltd. under report No. 250900102SHA-003 (dated 21 March 2026), covering conducted emissions on DC power input/output ports, electrostatic discharge, radio-frequency electromagnetic field immunity, and transients and surges in the vehicular environment per ISO 7637-2; all applicable test items returned a Pass result. This is complemented by host-product EMC and immunity testing under UN ECE Regulation No. 10.06 (test report ATS-SM-IR-10-31606) and by the ESP32-S3-WROOM-1 module certification. The minimum separation distance for RF-exposure compliance is 20 cm; this requirement, together with a no-co-location instruction, is reproduced in the product user manual.

This Declaration supersedes all previous declarations issued for the same product.

9. Signature

I, the undersigned, hereby declare that the equipment specified above conforms to the above-listed directives, regulations and harmonised standards.

Signed for and on behalf of:
Safiery Pty Ltd

Bruce Loxton

Bruce Loxton
Chief Executive Officer & Co-Founder
Safiery Pty Ltd

Place & date of issue:
Arundel, Queensland, Australia

21 March 2026

Date: 21 March 2026

Stamp:

SAFIERY

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