

EU declaration of conformity



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We declare on our sole responsibility that the following products:

EVI-C1-00	<i>Basic</i> version EVI board with CCS charging (without ISO15118-20)
EVI-C1-A1	<i>Basic</i> version with CHAdeMO option EVI board with CCS (without ISO15118-20) & CHAdeMO charging (without BPT)
EVI-C2-O	<i>Standard</i> version EVI board with CCS (including ISO15118-20) & OCPP feature enabled.
EVI-C2-A2-O	<i>Standard</i> version with CHAdeMO option EVI board with CCS (including ISO15118-20), & CHAdeMO (with BPT) charging, & OCPP feature enabled.

Meet the intent of directives:

- Low Voltage: 2014/35/UE
- CEM 2014/30/UE
- RoHS: 2011/65/UE
- WEEE: 2012/19/EU

The compliance was demonstrated to the normative reference:

Norm reference	Norm title	Note
IEC 61557-8	Electrical safety in low voltage distribution systems up to 1000Vac and 1500Vdc. – Equipment for testing, measuring or monitoring of protective measures – Part 8: Insulation monitoring devices for IT systems.	Requirements for the IMD feature. Excluding shock/vibration (chapter 4.8).
EN 61000-6-2	Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity for industrial environments -Radiated, radio-frequency, electromagnetic field immunity (CEI 61000-4-3 : 2006).	80MHz-1GHz: 10 V/m 1.4GHz-2GHz: 3 V/m 2GHz-2.7GHz: 1 V/m
	Surge immunity (CEI 61000-4-5: 2014) LV power in	±0.5KV common mode ±0.5KV differential mode
	Electrical fast transient/burst immunity test (IEC 61000-4-4:2012)	±2KV LV port, ±2KV HVDC port CCS, ±1KV CPT port CCS, ±1KV EVSE CAN port

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	Electrostatic to discharge immunity test (IEC 61000-4-2)	±4KV Indirect contact
EN 61000-6-3	Electromagnetic compatibility (EMC) - Part 6-3: Generic standards - Emission standard for residential, commercial and light-industrial environments	Conducted emission on LV port : Class B Radiated emission on enclosure 1 : Class A
NF EN 61010-1	Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1 : general requirements Required by IMD feature standard (IEC 61557-8)	HVDC port CCS: Annexe F.4 Floating circuits test
IEC 60664-1	Insulation coordination for equipment within low-voltage supply systems – Part 1: Principles, requirements and tests	Surge tension of 2.5 kV ¹ 1.2/50us (up to 5000m of altitude).

1 : The power unit that supplies HVDC voltage to EVI shall reduce a surge seen in its input to less than 2.5 KV in its output (Cf 11.4.101 of IEC 61851-23:2014)

The foregoing information relates to product sold on, or after, the date shown below.

Date: 13/09/2023

e-Mobility BU Director
Maël GUILBAUD

Under the supervision of the quality management system,

Quality Manager
Mickaël GHEUX