

EU declaration of conformity



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We declare on our sole responsibility that the following products:

MPU-R3-500-63-FD-HV

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:

Normative	Name	Note
IEC 61851-1:2019	Electric vehicle conductive charging system Part 1: General requirements	ED 3.0
IEC 61851-23	Electric vehicle conductive charging system Part 23: DC electric vehicle charging station	ED 1.0
IEC 61851-23/AC1 2016	Corrections of IEC 61861-23 ed1.0 (2014)	
NF EN 61000-6-4/2007 A1/2011	Electromagnetic compatibility (EMC) Part 6-4: Generic standards Emission standard for industrial environments	
NF EN 61000-6-2	Electromagnetic compatibility (EMC) Part 6-2: Generic standards Immunity for industrial environments	
IEC 61000-4-8:2009	Power frequency magnetic field immunity test	100A/m
IEC 61000-4-3:2006 /AMD1:2007/AMD2:2010	Radiated, radiofrequency, electromagnetic field immunity test	Industrial Level
IEC 61000-4-2:2008	Electrostatic discharge immunity test	±4KV contact ±8KV air discharges
IEC 61000-4-4:2012	Electrical fast transient/burst immunity test	±2KV AC line, DC power out, LV power in
IEC 61000-4-5:2014	Surge immunity test AC power line	±2KV common mode ±1KV differential mode
IEC 61000-4-5:2014	Surge immunity test DC power out	±2KV common mode ±1KV differential mode
IEC 61000-4-5:2014	Surge immunity test LV power in	±0.5KV common mode ±0.5KV differential mode
IEC 61000-4-6:2013	Conducted RF Fields	10Vrms AC line, DC power out, LV power in
IEC 61000-4-34:2005 /AMD1:2009	Voltage dips, short interruptions and voltage variations immunity tests for equipment with input current more than 16 A per phase	Criterion B

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IEC 61000-3-12	Electromagnetic compatibility (EMC) - Part 3-12: Limits for harmonic currents produced by equipment connected to public low-voltage systems with input current >16 A and ≤ 75 A per phase	complying with the harmonic currents emission limits for R _{sce} =33 →MPU-R3 25 kW can be connected anywhere to the public supply
CISPR 16-2-1:2014/AMD1:2017	Conducted emission AC line	Class A
CISPR 16-2-1:2014/AMD1:2017	Conducted emission LV line	Class A
CISPR 16-2-3:2016	Radiated emission	Class A

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

Date: 23/03/2022

e-Mobility BU Director
Maël GUILBAUD

Under the supervision of the quality management system.

Quality Manager
Cyril LE HENANFF