



Product Service

Mehr Wert.
Mehr Vertrauen.

Technical Report No. 713208709

Revision: 01
dated 2023-02-09

Client: Ziptec Charger AS
[REDACTED]
Professor Olav Hanssens vei 7A
4021 Stavanger
Norway

Manufacturing place: Westcontrol AS
Teknologivegen 7
4120 Tau
Norway

Test subject: Product: Electric Vehicle Supply Equipment (Mode 3 Wallbox)
Type: Ziptec Pro and Ziptec Pro MID

Test specification: IEC 61851-1:2017
IEC 61439-1:2011
IEC 61439-7:2018
IEC 61008-1:2010
IEC 62423:2009

Purpose of examination: Test according to the test specification

Test result: The test results show that the presented product is in compliance with the specified requirements.

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1 DESCRIPTION OF THE TEST SUBJECT

1.1 Function

The Zaptec Pro Wallbox is an AC Electric Vehicle Supply Equipment (EVSE) Mode 3 with overall dimension of 392 x 258 x 112 mm and is designed for charging electric vehicles in accordance with IEC 61851-1, charge mode 3.

The maximum output power provided by the EVSE is 22 kW.

The weight of the EVSE is 5 kg. The EVSE provides a socket-outlet for Type 2 connectors.

The Zaptec Pro MID model has an energy meter acc. to EN 50470 integrated.



Manufacturer's specification for intended use:
According to the user manual.

Manufacturer's specification for predictive misuse:
According to the user manual.

1.2 Consideration of the foreseeable misuse

- not applicable
- covered through the applied standard
- covered by the following comment
- covered by attached risk analysis

1.3 Technical Data

230 / 400 V AC, 50 Hz, 3P+N+PE, max 32 A
-30 to +40 °C, IP54, IK10



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2 ORDER

2.1 Date of Purchase Order, Customer's Reference

2021-02-10, PO 5010359056

2.2 Receipt of Test Sample, Location

2021-06-21, TÜV SÜD Product Service GmbH, Ridlerstraße 65, 80339 München, Germany

2.3 Date of Testing

From 2021-06-21 to 2022-11-23

2.4 Location of Testing

TÜV SÜD Product Service GmbH
Ridlerstraße 65
80339 München
Germany

TÜV SÜD Product Service GmbH
Daimlerstraße 11
85748 Garching bei München
Germany

TÜV SÜD Product Service GmbH
Äußere Frühlingstraße 45
94315 Straubing
Germany

TÜV SÜD Product Service GmbH,
Daimlerstraße 40
60314 Frankfurt
Germany

EKL Schaltelektronik Dresden GmbH
Sternstraße 14
01139 Dresden
Germany



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3 POSITIVE TEST RESULTS

- Electrical Safety IEC 61851-1:2017
- Electrical Safety IEC 61439-1:2011 and IEC 61439-7:2018
- Electrical Safety IEC 61008-1:2016
- Electrical Safety IEC 62423:2009

4 REMARK

The user manual has been examined according to the minimum requirements described in the product standard. The manufacturer is responsible for the accuracy of further particulars as well as of the composition and layout.

5 DOCUMENTATION

Attachment Name	Report Name	Pages	Comment
713208709_TRF_61851-1	713208709_TRF_61851-1 (rev.01)	47	IEC 61851-1
713208709_ATTA1_TRF_61439-7	713208709_ATTA1_TRF_61439-7	85	IEC 61439-7
713208709_ATTA2_TRF_62423	713208709_ATTA2_TRF_62423	119	IEC 62423
713208709_ATTA3_MEQ	713208709_ATTA3_MEQ	2	Measuring dev.
713208709_ATTA4_DOC	713208709_ATTA4_DOC	17	Photo-Doc
713208709_ATTA5_CDF	713208709_ATTA5_CDF	7	Critical Comp.
713208709_ATTA6_SC	P0952	109	IEC 61008, E, F
713208709_ATTA7 EMC	TR-59056-08709-07 (Ed.02)	52	IEC 61008, H, I, J, 9.19.1
713208709_ATTA8_ENV	TR-59056-08709-01 (Ed.02)	27	IP/IK
713208709_ATTA9_GW	713208709_ATTA9_GW	7	Glow Wire
713208709_ATTA10_ENV2	TR-713264584-00	41	IP/IK MID model



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6 SUMMARY

" The test specification(s) is (are) met "

TÜV SÜD Product Service GmbH

Johannes Bier
Reviewer

TÜV SÜD Product Service GmbH

Andreas von Greißing
Project leader