



Product Service

EU Type Examination Certificate

Certificate No: TPS-RED500600 i02

Certificate Holder: Amperfied GmbH
Gutenbergring 20
69190 Walldorf
GERMANY

Product Type: Automotive Components
Amperfied Smart Wallbox

Model(s): connect home 00.779.2795 (5m cable) connect home 0.779.2963 (7,5 m cable)
connect home 00.779.3156 (7,5 m cable + RCD) connect home 40.020.301 to 40.020.349 (Customer specific)
connect home 40.020.300 to 40.020.399 (RCD + Customer specific)
connect business 00.779.2964 (5m cable) connect business 00.779.2965 (7,5 m cable)
connect business 00.779.3157 (7,5 m cable, RCD, MID) connect business 40.020.401 to 40.020.449 (MID + Customer specific)
connect business 40.020.400 to 40.020.499 (RCD, MID + Customer specific)
connect.solar 00.779.3056 (5 m cable) connect.solar 00.779.3057 (7,5 m cable)
connect.solar 00.779.3158 (7.5 m cable, RCD) connect.solar 00.779.3160 (5 m cable + MID)
connect.solar 00.779.3161 (7,5 m cable+ MID) connect.solar 00.779.3162 (7,5 m cable, RCD + MID)
connect.solar 40.020.501 to 40.020.549 (Customer specific) connect.solar 40.020.550 to 40.020.599 (RCD + customer specific)

We, as Notified Body number 0123, have examined the technical documentation and supporting evidence for the above listed equipment and found it to comply with the requirements of Annex III Module B of Radio Equipment Directive 2014/53/EU in relation to the following essential requirements covered by the examination

Essential Requirements: Article 3.1 (a) in respect of Health and Safety
Article 3.1 (b) in respect to EMC
Article 3.2 in respect to the use of the Radio Spectrum

The certificate has been issued in accordance with the Certification Regulations of TÜV SÜD Product Service GmbH (Notified Body Number 0123).

The CE marking may be used on the equipment described above subject to the equipment meeting the compliance requirements of all applicable EU directives.

The conditions for the validity of this certificate are listed in the following pages.
For further details related to this certification please contact ps.zert@tuvsud.com

This is based upon examination of the following Technical Data file.

Technical Documentation: TPS-RED500600 i02_EvalRprt

Valid from: 2023-09-20

(Markus Biberger)

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1 Equipment Description

The equipment is a conductive vehicular charging system. The system is intended to be used in the private and semi-public sector, e.g. on private property or company parking areas. The system uses 2,4 GHz-WiFi and 13,56 MHz RFID as wireless interfaces.

1.1 Models

Model	Variant HW/SW Differences	HW Version	SW Version
Original 00.779.2795	Wallbox connect.home (5m cable)	N/A (as specified in technical documentation)	HCBSW_V1.0 HMISW_V1.0
Variant 00.779.2963	Wallbox connect.home (7,5m cable)	N/A (as specified in technical documentation)	HCBSW_V1.0 HMISW_V1.0
Variant 40.020.301 to 40.020.399	Wallbox connect.home (customer specific)	N/A (as specified in technical documentation)	HCBSW_V1.0 HMISW_V1.0
Variant 00.779.2964	Wallbox connect.business (5m cable)	N/A (as specified in technical documentation)	HCBSW_V1.0 HMISW_V1.0
Variant 00.779.2965	Wallbox connect.business (7,5m cable)	N/A (as specified in technical documentation)	HCBSW_V1.0 HMISW_V1.0
Variant 40.020.401 to 40.020.499	Wallbox connect.business (customer specific)	N/A (as specified in technical documentation)	HCBSW_V1.0 HMISW_V1.0
Variant 00.779.3157	Wallbox connect.business (7,5m cable)	N/A (as specified in technical documentation)	HCBSW_V1.0 HMISW_V1.0
Variant 00.779.3156	Wallbox connect.home (7,5m cable)	N/A (as specified in technical documentation)	HCBSW_V1.0 HMISW_V1.0
Variant 00.779.3056	Wallbox connect.solar (5m cable)	N/A (as specified in technical documentation)	HCBSW_V1.0 HMISW_V1.0
Variant 00.779.3057	Wallbox connect.solar (7,5m cable)	N/A (as specified in technical documentation)	HCBSW_V1.0 HMISW_V1.0
Variant 00.779.3158	Wallbox connect.solar (7,5m cable)	N/A (as specified in technical documentation)	HCBSW_V1.0 HMISW_V1.0
Variant 00.779.3160	Wallbox connect.solar (5m cable)	N/A (as specified in technical documentation)	HCBSW_V1.0 HMISW_V1.0
Variant 00.779.3161	Wallbox connect.solar (7,5m cable)	N/A (as specified in technical documentation)	HCBSW_V1.0 HMISW_V1.0
Variant 00.779.3162	Wallbox connect.solar (7,5m cable)	N/A (as specified in technical documentation)	HCBSW_V1.0 HMISW_V1.0



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			documentation)	
Variant	40.020.501 to 40.020.549	Wallbox connect.solar (customer specific)	N/A (as specified in technical documentation)	HCB_SC_SW_V1.0 HMI_SC_SW_V1.0
Variant	40.020.550 to 40.020.599	Wallbox connect.solar (customer specific)	N/A (as specified in technical documentation)	HCB_SC_SW_V1.0 HMI_SC_SW_V1.0

1.2 Supported Functions and Features

1.2.1 Non-radio features

The system enables Mode 3 charging according to EN IEC 61851-1. The charging connection is IEC type 2 connector.

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1.2.2 Radio features

Radio	Features	Operating Spectrum / Power
RFID Card Reader	13.56 MHz – MIFARE DESFire EV1/EV2 (ISO / IEC 14443-3, type A / B)	Center frequency :13,56 MHz Max field strength: 23 mA/m
IEEE 802.11 – 2.4 GHz	WiFi Interface 2,4 GHz / IEEE 802.11 b/g/n	Frequency range: 2400-2483,5 MHz Transmit power: 72 mW EIRP

1.3 Accessories

none

2 Assessed Standards

Article 3.1(a)	Article 3.1(b)	Article 3.2	Article 3.3
EN IEC 61851-1:2019 EN50364:2010 EN62311:2008	IEC 61851-21-2:2018 EN IEC 61000-6-3:2021 EN 61000-6-3:2007/A1:2011 EN IEC 61000-6-2:2019 EN 61000-6-2: 2005/AC:2005 ETSI EN 301 489-1:V2.2.3 ETSI EN 301 489-3 V2.1.2 ETSI EN 301 489-17:V3.2.4 IEC 62955:2018 IEC 61543:1995 + A1:2004 + A2:2005 (partly)	EN 300 328 V2.2.2 (2019-07) EN 300 330 V2.1.1 (2017-02)	Not evaluated

3 Technical Documentation

3.1 Technical Documentation

Technical documentation and supporting evidence were examined and found to comply with the EU-type examination requirements in conjunction with Annex V requirements of the directive.

3.2 Declarations

Declaration of Conformity of connect.home	Dated	2023-04-01
Declaration of Conformity of connect.business	Dated	2023-04-01
Declaration of Conformity of connect.solar	Dated	2023-04-01

3.3 Strategic Documentation

Risk Assessment – Risikobeurteilung Wallbox connect.home	Issued	2023-07-20
Operating instructions / Betriebsanleitung	Issued	2023-05-25



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3.4 Technical Compliance Documentation

3.4.1 Article 3.1(a)

TR-713231571 Ed. 1.0	Issued	2022-07-18
TR-713231571-01 Rev.0	Issued	2022-04-07

3.4.2 Article 3.1(b)

TR-713275975-00 Rev.0	Issued	2022-12-14
TR-713267590-00 Rev.1	Issued	2022-11-17
TR-37903-31571-01 Ed.03	Issued	2022-06-29
TR-37903-31571-02 Ed.01	Issued	2022-05-16

3.4.3 Article 3.2

TR-713231571-02 Rev.0	Issued	2022-05-11
TR-713231571-00 Rev.1	Issued	2022-04-20

3.4.4 Article 3.3

Not evaluated

4 Additional Information

none

5 Conditions of Validity

This EU Type Examination Certificate only applies to Article 3.1a, Article 3.1b and Article 3.2 of the Radio Equipment Directive 2014/53/EU. Articles 3.3a-i were not included in the assessment.