

**Certificate Holder:** Prodrive Technologies B.V.

Science Park Eindhoven 5501

5692 EM Son The Netherlands

**Product Manufacturer:** See Certificate Holder

**Product Designation:** WLAC1-xxxxxxxxxxxxx, WLAC2-xxxxxxxxxxxxxx

**Product Description:** AC Charger



BNetzA-bS-02/51-52

authorized by the German Government to act as Notified Body in accordance with the RE Directive 2014/53/EU of 16 April 2014.

## **Conformity Assessment:**

Essential requirements	Examined documentation	Result
Safety RED, Article 3.1a	Technical documentation including test report(s)	conform
Health RED, Article 3.1a	Technical documentation including test report(s)	conform
EMC RED, Article 3.1b	Technical documentation including test report(s)	conform
Radio spectrum RED, Article 3.2	Technical documentation including test report(s)	conform

## **EU Type Examination Certificate:**

In accordance with Annex III of the European Council Directive 2014/53/EU on radio equipment, we state that the identified equipment type complies with the essential requirements stated above. The scope of this evaluation relates to the submitted documents only.

### Marking:

The product shall be marked with the CE marking as required in the Council Directive 2014/53/EU.

### Annexes:

The certificate is only valid in conjunction with the following number of annexes: 1

The validity of this certificate is limited to 5 years after the date of issue. Revisions of the applied standards and/or modifications of the approved type that may affect the conformity of the radio equipment with the essential requirements o Directive. 2014/53/EU may also have an impact on the validity of this certificate.

**Certificate Registration No.:** 

**C € 0682** 

EU23-0036-04-TEC

CTC advanced GmbH

TOPODEAN ID.NO

Authorized signature / title

## **Product Characteristics:**

Hardware version: WLAC1: 6001-2192-4602

WLAC2: 6001-2332-1601

Software version: WLAC1: 0.7.2

WLAC2: 1.2.0

GSM / LTE:

Frequency Band(s): GSM 900/1800

LTE (FDD 1,3,8,20,28)

Power Class: GSM 900: 4

GSM 1800: 1 LTE: 3

IEEE 802.11b/g/n:

Operating Frequency Range:

2400 - 2483,5 MHz

EIRP:

< 20 dBm

Modulation:

DSSS, OFDM

NFC:

Operating frequency:

13,56 MHz

Radiated H-field:

 $\leq$  -20 dB $\mu$ A/m @ 10 m

Modulation: ASK

Other characteristics:

Operating temperature:

-30 - +50 °C

## **Conformity Assessment:**

Essential requirements	Examined documentation
Safety	EN IEC 62368-1:2020+A11:2020, EN 61851-1:2019
	- No.: 2279838.50 by DEKRA Certification B.V.
	EN IEC 62311:2020, EN 62479:2010
Health	- No.: 22-1-0147901T001a-C01 by cetecom advanced GmbH - No.: 22-1-0147901T001b by cetecom advanced GmbH
	EN 301 489-1 V2.2.3, EN 301 489-3 V2.3.2, Draft EN 301 489-17 V3.2.5, EN 301 489-52 V1.2.1, EN IEC 61851-21-2:2021
EMC	- No.: 22-1-0147901T004a-C1 by cetecom advanced GmbH - No.: 22-1-0147901T002a by cetecom advanced GmbH - No: TRD7001213353R02 by Prodrive Technologies Innovation Service B.V.
	EN 301 511 V12.5.1, EN 301 908-1 V15.2.1, EN 301 908-13 V13.2.1, EN 300 328 V2.2.2, EN 300 330 V2.1.1
Radio spectrum	- No.: 22-1-0147901T006a by cetecom advanced GmbH - No.: 22-1-0147901T008a by cetecom advanced GmbH - No.: 103067045MPK-001 by Intertek Testing Services NA Inc.
	<ul> <li>No.: 22-1-0147901T005a by cetecom advanced GmbH</li> <li>No.: R2103A0196-R1 by TA Technology (Shanghai) Co., Ltd.</li> <li>No.: R2304A0458-R2 by TA Technology (Shanghai) Co., Ltd.</li> <li>No.: REBHAA-WTW-P20070518 by Bureau Veritas Consumer Products Services (H.K.) Ltd</li> <li>No.: 22-1-0147901T007a by cetecom advanced GmbH</li> </ul>

### Miscellaneous:

Note: Model identification string

To identify the product configurations, the following model identification string is used.

# WLAC1-S22RPWELMCR00 1-4: Product family name 5: Generation 1: First generation 2: Second generation 6: EV connection type S: type 2 socket C: type 2 socket with shutter F: type 2 fixed cable 4.5 m H: type 2 fixed cable 5 m Z: type 2 fixed cable 6 m G: type 2 fixed cable 7.5 m 7-8: Power rating 07: 7.4 kW (1-phase 32 A) 11: 11 kW (3-phase 16 A) 22: 22 kW (3-phase 32 A) 9: RFID authorization 0: no RFID R: RFID present 10: Plug and charge ready 0: no PLC P: PLC 11: WLAN 0: no WLAN W: WLAN present 12: Ethernet 0: no Ethernet E: Ethernet present 13: LTE 0: no LTE L: LTE modem present 14: Energy metering 0: no energy meter I: indicative energy meter M: MID certified meter E: Eichrecht compliant meter 15: Dynamic load balancing 0: no dynamic load balancing hardware C: external CT interface 16: Group load balancing 0: no group load balancing hardware R: RS-485 bus interface 17-18: Custom