

## IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

## CB TEST CERTIFICATE

Product

AC EV Charger

Name and address of the applicant

Hangzhou Livoltek Power Co., Ltd.  
1418-35 Moganshan Road, Hangzhou,  
China

Name and address of the manufacturer

Hangzhou Livoltek Power Co., Ltd.  
1418-35 Moganshan Road, Hangzhou,  
China

Name and address of the factory

Hangzhou Livoltek Power Co., Ltd.  
1418-35 Moganshan Road, Hangzhou,  
China*Note: When more than one factory, please report on page 2* Additional information on page 2

Ratings and principal characteristics

Input: 230 Vac, Single phase, 50/60 Hz  
Output: 230 Vac, Single phase, 50/60 Hz, Max. 32 A, Max. 7,3 kW  
IP54, -30°C to +50°C

Trademark (if any)

LIVOLTEK

LIVOLTEK

Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

A0070230E11, A0070230E12

Additional information (if necessary may also be reported on page 2)

This certificate replaces NL-74407 dated on 2021-06-28 due to applicant, manufacturer and factory address correction.

 Additional information on page 2

A sample of the product was tested and found to be in conformity with

IEC 61851-1:2017

National differences:

IT, NL

As shown in the Test Report Ref. No. which forms part of this Certificate

6097989.50

This CB Test Certificate is issued by the National Certification Body

DEKRA Certification B.V.  
Meander 1051  
Arnhem, 6825 MJ  
Netherlands

Date: 2022-04-06

Signature: Kate Xu

# ATTESTATION OF CONFORMITY

Issued to: Hangzhou Livoltek Power Co., Ltd.  
1418-35 Moganshan Road, Hangzhou, China

For the product: AC EV Charger

Trade name: **LIVOLTEK**

Type/Model: A0070230E11, A0070230E12

Ratings: Input: 230 Vac, Single phase, 50/60 Hz  
Output: 230 Vac, Single phase, 50/60 Hz, Max. 32 A, Max. 7,3 kW  
IP54, -30°C to +50°C

Manufactured by: Hangzhou Livoltek Power Co., Ltd.  
1418-35 Moganshan Road, Hangzhou, China

Requirements: IEC 61851-1:2017  
EN IEC 61851-1:2019

This Attestation is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6097989.50.

This Attestation implies that the examined types are in accordance with the standards designated under the Low Voltage Directive (LVD) 2014/35/EU.

The examination has been carried out on one single specimen or several specimens of the product, submitted by the manufacturer. The Attestation does not include an assessment of the manufacturer's production. Conformity of his production with the specimen tested by DEKRA is not the responsibility of DEKRA.

The CE marking may be affixed on the product if all relevant and effective EC directives are complied with.

Arnhem, 6 April 2022

Number: 6097989.01AOC

DEKRA Testing and Certification (Shanghai) Ltd.

Kate Xu  
Certification Manager

© Integral publication of this attestation and adjoining reports is allowed

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Product Service

# Attestation of Conformity

No. N8A 110005 0006 Rev. 00

**Holder of Certificate:** Hangzhou Livoltek Power Co., Ltd

1418-35 Moganshan Road  
310011 Hangzhou  
PEOPLE'S REPUBLIC OF CHINA

**Product:** AC electric vehicle charging station  
(AC EV Charger)

**Model(s):** A0220400E11, A0110400E11

**Parameters:**

Model	A0110400E11	A0220400E11
Rated voltage (V)	3/N/PE ~230/400V	
Rated current (A)	16	32
Rated power (kW)	11	22
Rated frequency (Hz)	50/60	
Connection method	Case C	
Degree of protection	IP54	
Protection class	I	
Operating temperature	-30°C to 50°C	

**Tested according to:**

EN IEC 61851-1:2019

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for testing and certification. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** 5040922017201-00

**Date,** 2022-10-04

( Pengdong Yang )

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After preparation of the necessary technical documentation as well as the EU declaration of conformity the required CE marking can be affixed on the product. The declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.



## UK Declaration of conformity



**Manufacturer:** Hangzhou Livoltek Power Co., Ltd.  
**Address:** 1418-35, Moganshan Road, Hangzhou City, China  
**Product:** LIVOLTEK EV Charger  
**Model:** A0070230E11 A0110400E11 A0220400E11

We, Livoltek Ltd, declare under our sole responsibility that the above product and model numbers conform to the essential requirements of the following UK legislation:

2014/53/EU	Radio Equipment Directive
2011/65/EU	RoHS (Restrictions on Hazardous Substances)

Conformity to the Directive 2014/53/EU is assured by the compliance with the applicable parts of the following UK Designated Standards:

EN 300 328 V2.2.2	Data transmission equipment operating in the 2.4 GHz band
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An adequate level of electromagnetic compatibility referred to Art.3 No. 1 Lit. (b) 2014/53/EU is assured by the compliance with the applicable parts of the following UK Designated Standards to 2014/30/EU:

EN 301 489-1 V2.1.1	Radio equipment and services-Part 1: Common technical requirements
EN 301 489-17 V3.2.4	Specific conditions for Broadband Data Transmission Systems
EN IEC 61851-21-2:2021	Electric vehicle conductive charging system-Part 21-2: Electric vehicle requirements for conductive connection to an AC/DC supply-EMC requirements.

The protection of health and safety referred to Art. 3 No. 1 Lit. (a) 2014/53/EU is assured by the compliance with the applicable parts of the following UK Designated Standards to 2014/35/EU:

EN IEC 61851-1:2019	Electric vehicle conductive charging system Part 1: General requirements.**
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\*\*With the exception of clause 8.4 of BS EN IEC 61851-1:2019 which states that “For Mode 3 and 4 permanently connected EV supply equipment, protective earthing conductors shall not be switched.” This clause conflicts with UK’s IET Wiring Regulations (BS 7671:2018+A1:2020 Requirements for Electrical Installations. IET Wiring Regulations) which permits the switching of protective conductors under certain conditions. According to BSI guidance, users should follow the guidance given in BS 7671.

IEC 62955:2018

Residual direct current detecting device (RDC-PD) to be used for mode 3 charging of electric vehicles.

Conformity to the Directive 2011/65/EU is assured by the compliance with the following UK Designated Standard:

EN IEC 63000:2018

Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances.

**Signed for and  
on behalf of:**

Hangzhou Livoltek Power Co., Ltd.

**Date of issue:**

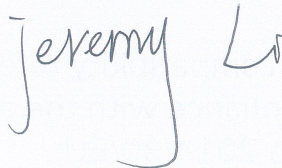
October 24, 2022

**Position:**

Chief Technology Officer

**Name:**

Jeremy Li

**Signature:****UK  
CA**