Technical Report No.: 64.105.25.30280.02

Date: 2025-08-20

Client:	Name:	Anker Innovations Limited
	Address:	Unit 56, 8th Floor, Tower 2 Admiralty Centre, 18 Harcourt Road Central and Western District HONG KONG
	Contact person:	Joey.wang1@anker-in.com
Manufacturer:	Name:	Anker Innovations Limited
	Address:	Unit 56, 8th Floor, Tower 2 Admiralty Centre, 18 Harcourt Road Central and Western District HONG KONG
	Contact person:	Joey.wang1@anker-in.com
Factory:	Name:	Zhuzhou Zopoise Technology Co., Ltd.
	Address:	Phase 3.1 Group E Building 2, No.101-103, 1st Floor, 201-204 2nd Floor Building B, Xinma Power Valley Innovation Park Phase 2.1 R&D Workshop, No.899 Xianyuehuan Road, Tianyuan District, 412007 Zhuzhou City, Hunan Province, PEOPLE'S REPUBLIC OF CHINA
	Contact person:	xia.chen@zopoise.com
Test object:	Product:	AC electric vehicle charging station
	Model:	A5191VZ0, A5191VZ1, A5191GZ2, A5191GZ3, A51913Z0, A51913Z1, A5191TZ1, A5191TZ2, A5191GZ4, A5191GZ7
	Trade mark:	Anker SOLIX
Test specification:	CE-LVD: EN IEC 61851-1:2019	

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Purpose of examination:	• ☒ Testing for compliance with specified requirements to assess conformity with the essential safety requirements of the following European Directives / Regulations: ☒ Low Voltage Directive 2014/35/EU ☐ TÜV SÜD Bauart Mark
Test result:	☒ The test results show that the presented product is in compliance with the above listed test specifications.

Any use for advertising purposes must be granted in writing. This technical report may only be quoted in full. This report is the result of a single examination of the object in question. It does not imply a general statement regarding the quality of products from regular production. For further details please see Testing, Certification, Validation and Verification Regulations, chapter A-3.3.

1. Description of the test object

1.1 Picture(s)

See attachment no. I photo documentation for details.

1.2 Function

1. The charging station is Class I appliance with protection degree is IP65 (Enclosure) for indoor/outdoor used for cable models, and IP55 (Enclosure) for indoor/outdoor used for socket-outlet models.
2. The live part separated from earthing and PELV circuits by reinforced insulation.
3. Main earthing terminal for fixed wiring was provided.

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

•

1.3 Consideration of the foreseeable use

☐ Not applicable
☒ Covered through the applied standard
☐ Covered by the following comment*
☐ Covered by attached risk analysis
*

1.4 Technical Data

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Model:	A5191VZ0, A5191VZ1, A5191GZ2, A5191GZ3, A51913Z0, A51913Z1, A5191TZ1, A5191TZ2, A5191GZ4, A5191GZ7
Rated input/output:	For A5191GZ2, A5191GZ3, A51913Z1 and A5191TZ2: 3P+N+PE, 400Vac±20%, 50Hz, 32A For A5191GZ4 and A5191GZ7: 3P+N+PE, 400Vac±20%, 50Hz, 16A For A5191VZ0, A5191VZ1, A51913Z0 and A5191TZ1: 1P+N+PE, 230Vac±20%, 50Hz, 32A
Rated power:	For A5191GZ2, A5191GZ3, A51913Z1 and A5191TZ2: 22kW For A5191GZ4 and A5191GZ7: 11kW For A5191VZ0, A5191VZ1, A51913Z0 and A5191TZ1: 7.4kW
Operating Temp:	For A5191GZ2, A5191GZ3, A51913Z1 and A5191TZ2: -30 to 50°C (Output current and output power will be derated to 8A/5.5kW when operating Temp exceeds 45°C) For A5191GZ4 and A5191GZ7: -30 to 50°C (Output current and output power will be derated to 12A/8.3kW when operating Temp exceeds 45°C) For A5191VZ0, A5191VZ1,A51913Z0 and A5191TZ1: -30 to 50°C (Output current and output power will be derated to 8A/1.8kW when operating Temp exceeds 45°C)
Degree of Protection:	For cable models: IP65 (Enclosure) For socket-outlet models: IP55 (Enclosure)
Residual operating current:	IΔdc 6 mA
Protection class:	☒ Class I; ☐ Class II; ☐ Class III
Overvoltage category:	☐ I; ☐ II; ☒ III; ☐ IV
Pollution degree:	☐ 1; ☐ 2; ☒ 3
Construction	☒ Stationary ☐ Portable ☐ Hand-held ☐ Open-frame
Supply connection	☐ Non detachable cord ☒ Permanent connection to fixed wiring ☐ Appliance inlet
Operation mode	☒ continuous operation; ☐ Intermittent operation; ☐ Short time operation;
Remark: Certified Type A RCBO (with 30mA RCD) or Type B RCBO is external and should be installed upstream close the charging station by the authorized local agent.	

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2. Order

2.1 Date of Purchase Order, Customer's Reference

2025-07-25

2.2 Test Sample(s)

- Reception date(s): 2025-07-23
- Location(s) of reception: Building D1, No. 63 Chuangqi Road, Shilou Town, Panyu District, Guangzhou 511447, China
- Condition of test sample(s): Normal

2.3 Testing

- Testing date(s): 2025-08-04 to 2025-08-18
- Location(s) of testing: Building D1, No. 63 Chuangqi Road, Shilou Town, Panyu District, Guangzhou 511447, China

2.4 Points of Non-Compliance or Exceptions of the Test Procedure

- None

3. Test Results

- ☒ Decision rule according to ILAC-G8:09/2019 clause 4.2.1 Binary statement for simple acceptance rule or IEC Guide 115:2023, clause 4.3.3 Simple acceptance was applied.

3.1 Positive Test Results

Test specification(s)	Report no. / Rev. No.	Date	Remark
Electrical safety:	64.105.25.30280.02	2025-08-20	--

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EMF / EMC / Radiation:	64.913.25.30280.01	2025-08-20	--

3.2 Points of Non-Compliance according to the test specification

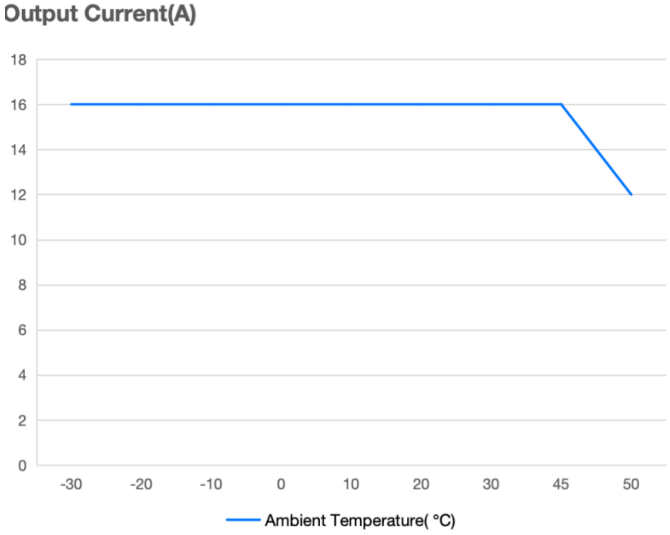
☒ None

4. Test History

Report no. / Rev. No.	Date	History
64.105.25.30280.01	2025-07-14	Original report.
64.105.25.30280.02	2025-08-20	Update and/or Changes: See below.

Report No. 64.105.25.30280.02, based on and superseded with previous report:
The latest test report No. 64.105.25.30280.01 (dated 2025 July 14), was modified on 2025 August 20 to include the following changes and/or additions:

1. Added 11kW models: A5191GZ4 and A5191GZ7. Compared with the 22kW series, the 11kW series are completely equivalent in terms of technology and hardware, except that the output current and output power are limited by software.
2. Added standard plug, models EV-32SE, EV-16SE and EV-32E.
3. 11kW models ambient temperature and output current curve.



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5. Remarks

5.1 General

1. The charging station is Class I appliance with protection degree is IP65 (Enclosure) for indoor/outdoor used for cable models, and IP55 (Enclosure) for indoor/outdoor used for socket-outlet models.

2. The operating temperature is -30°C to 50°C, output current and output power will be derated when operating temperature exceeds 45°C.

3. The live part separated from earthing and PELV circuits by reinforced insulation.

4. Main earthing terminal for fixed wiring was provided.

5. Certified Type A RCBO (with 30mA RCD) or Type B RCBO is external and should be installed upstream close the charging station by the authorized local agent.

6. RDC-MD refers to attachment no. II test report no. 64.105.25.30283.01.

7. The 6mA DC fault current disconnection device test function shall be tested at least one time every month.

8. All models used same enclosure dimension, control board, communication board and RCD module.

9. Model difference details see below table.

Model	Rated voltage (V)	Rated current (A)	Connector	Wireless function			
				Wifi	Ethernet	BT	4G
A5191VZ0	230Vac±20%, 50Hz, 1P+N+PE	32	Socket-outlet	With	With	With	-
A5191VZ1	230Vac±20%, 50Hz, 1P+N+PE	32	Vehicle connector with cable 5m	With	With	With	-
A5191GZ2	400Vac±20%, 50Hz, 3P+N+PE	32	Socket-outlet	With	With	With	-
A5191GZ3	400Vac±20%, 50Hz, 3P+N+PE	32	Vehicle connector with cable 5m	With	With	With	-
A51913Z0	230Vac±20%, 50Hz, 1P+N+PE	32	Socket-outlet with shutter	With	With	With	-
A51913Z1	400Vac±20%, 50Hz, 3P+N+PE	32	Socket-outlet with shutter	With	With	With	-
A5191TZ1	230Vac±20%, 50Hz, 1P+N+PE	32	Vehicle connector with cable 7m	With	With	With	-

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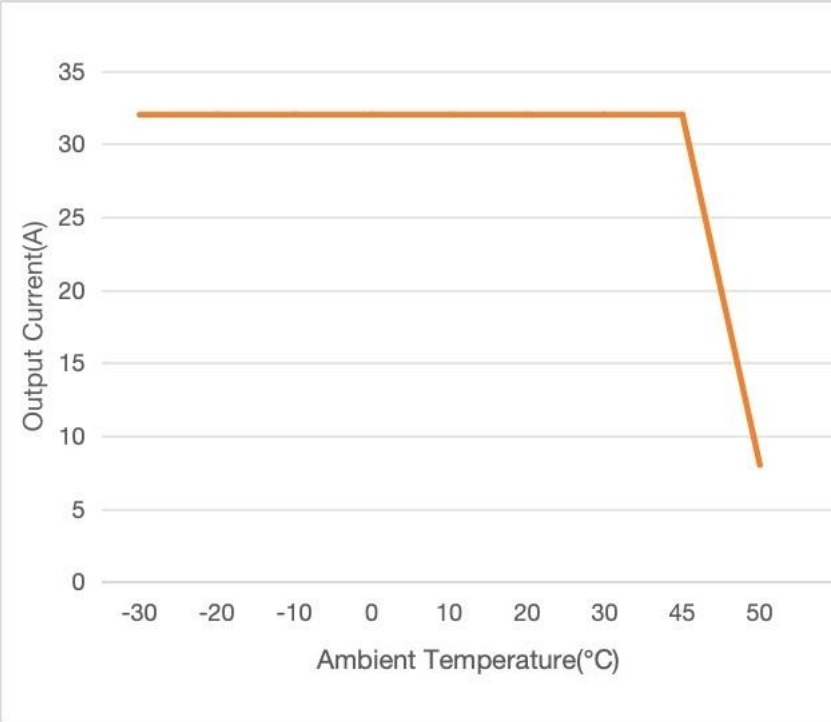
A5191TZ2	400Vac±20%, 50Hz, 3P+N+PE	32	Vehicle connector with cable 7m	With	With	With	-

10. Ambient temperature and output current curve.



11. There are plastic materials meet the resistance to heat and fire requirements of AS/NZS 60335-1:2020. The relevant parameters can be seen in the following table.

Object	Manufacturer	Model	Technical data	Mark(s) of conformity	Glow wire test temperature	Ball pressure temperature
Input terminal block	Shenzhen Connection Electronic Co., Ltd.	PLTB10-S-mix, PLTB10-B-mix	600V, 76A, 125°C	TÜV SÜD B 108338 0007 Rev. 04	960°C	125°C
Front plastic enclosure	SABIC JAPAN L L C	XD2322(f1)(X)	5VA, 115°C, min thickness 3.0mm	UL E207780	960°C	125°C
Bottom plastic enclosure	SABIC JAPAN L L C	XD2322(f1)(X)	5VA, 115°C, min thickness 3.0mm	UL E207780	960°C	125°C
LED cover	SABIC JAPAN L L C	XD2322(f1)(X)	5VA, 115°C,	UL E207780	960°C	125°C

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			min thickness 3.0mm			

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.

5.2 Factory surveillance cycle

Your production facility is currently on the following surveillance cycle.

☐ Annual (12 month)

☐ Bi-Annual (6 month)

☐ Quarterly (3 month)

☒ N/A

5.3 Additional information for routine tests to be performed by the factory(ies)

Routine tests for electrical appliances / equipment: None

Routine test requirements for production are described in

☐ Required

☒ Not Required

Reason for non-requirement:

☐ Class III product

☒ Other: No requirement in standard

6. Documentation

File	File name	Date
Data form (CDF):	64105253028002CDF_N8A_E	2025-08-20
Photo documentation:	64105253028002DOC_N8A_E	2025-08-20
User manual:	64105253028002MAN_N8A_E	2025-08-20
Installation manual:	N/A	N/A

7. Summary

☒ The test specifications are met.

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Tested by:

Nino Chen, Project Handler

Approved by:

Peter Chen, Designated Reviewer

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