

Test Report No. 64.168.25.30498.01E
Rev.00
Dated 2025-08-08

Applicant: Anker Innovations Limited

Address: Unit 56, 8th Floor, Tower 2, Admiralty Centre, 18 Harcourt Road, Hong Kong

Sample Description: Anker SOLIX PS310 Bifacial Portable Solar Panel
Anker SOLIX PS320 Bifacial Portable Solar Panel
Anker SOLIX PS340 Bifacial Portable Solar Panel

Model No.: PS100
PS200
PS400

Manufacturer: Maodi Solar Technology (Dongguan) Co., Ltd.
Building 3, No.16 Wanghe Street, Xiegang Town, Dongguan City, Guangdong Province

Sample Received Date: 2025-07-11, 2025-08-01

Test Period: From 2025-07-11 to 2025-08-08

Purpose of examination: As specified by client, to test refer to US California Proposition 65

Test Results: Refer to following page(s)

Remark: - The result relates only to the items tested.
- The test requirements were specified by the client.

TÜV SÜD Certification and Testing (China) Co., Ltd. Guangzhou Branch
TÜV SÜD Group

Prepared by:

Sam Luo

Sam Luo
Project Handler



Reviewed by:

Ben Shao

Ben Shao
Designated Reviewer

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 and is not generally applicable evaluation of the quality of other products in regular production. For further details, please see testing and certification regulation, chapter A-3.4.

Disclaimer Measurement Uncertainty: Unless otherwise agreed upon, pass or fail verdicts are given based on the measured values without consideration of measurement uncertainties. Please note, every test method has a measurement uncertainty which has been evaluated by the laboratory according to ISO IEC 17025 requirements. By taking measurement uncertainties into account it might happen that measured values can neither be assessed as pass or fail.

TÜV SÜD Certification and Testing (China) Co., Ltd. Guangzhou Branch
TÜV SÜD Group
5F, Communication Building, 163 Pingyun Rd, Huangpu West Ave.
Guangzhou 510656, P.R. China

Tel.: (86) 20 38320668
Fax: (86) 20 38320478



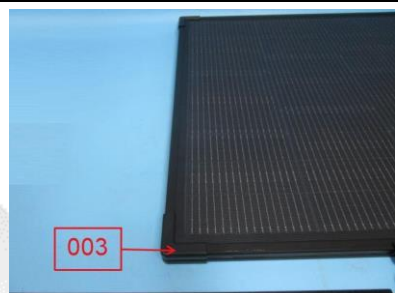
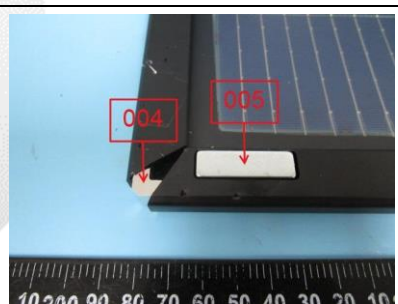
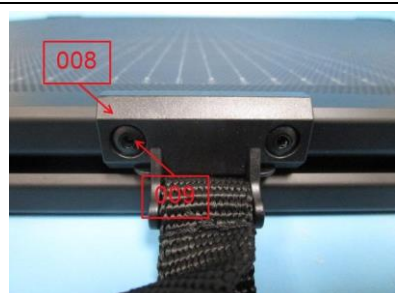
Test Report No. 64.168.25.30498.01E
Rev.00
Dated 2025-08-08

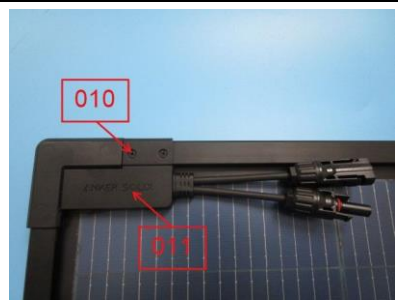
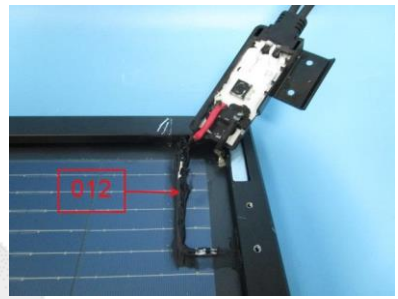
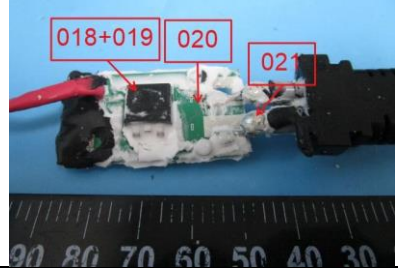
SUMMARY OF TEST RESULTS

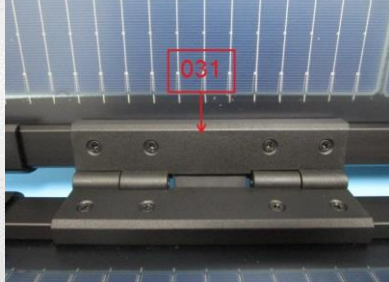
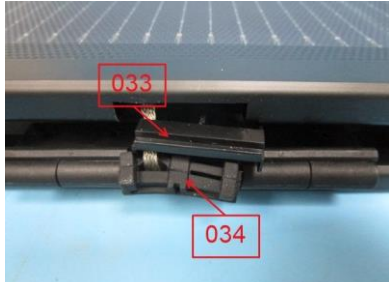
No.	Test Requested	Conclusion	Remarks
1.	Total Lead (Pb) Content	PASS	/
2.	Phthalates (DBP, DEHP, BBP, DIDP, DnHP, DINP and DNOP) Content	PASS	/

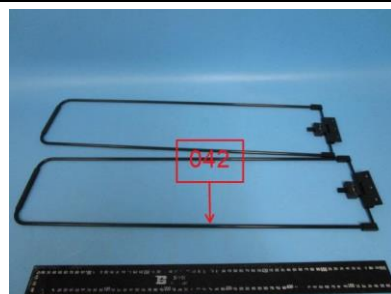
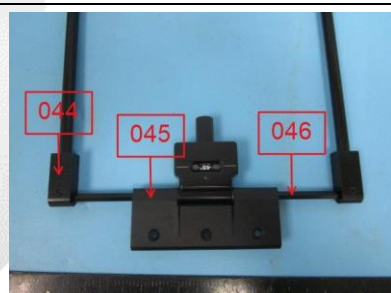
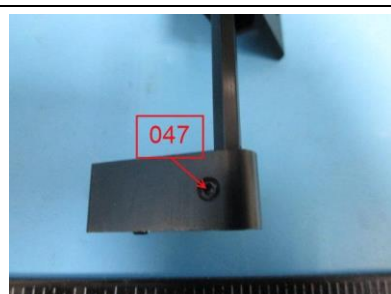
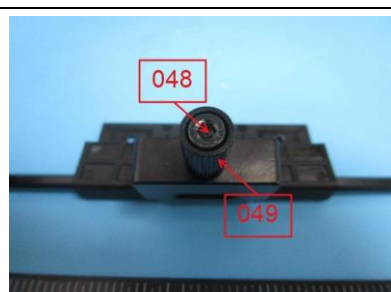


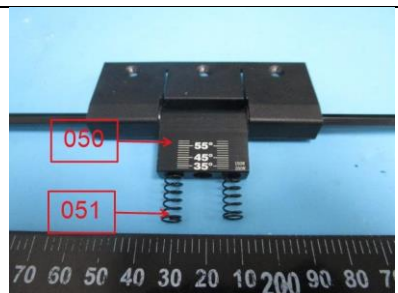
1. TESTED SUBJECT DESCRIPTION

Test Material	Sample Number	Tested Material Description	Photo
T1	001	Black coating	
T2	002	Silvery metal substrate	
T3	003	Black plastic frame	
T4	004	Silvery metal part	
T5	005	Silvery magnet	
T6	006	Black soft plastic handle	
T7	007	Black fabric	
T8	008	Black plastic frame	
T9	009	Black plated metal rivet	

Test Material	Sample Number	Tested Material Description	Photo
T10	010	Black plated metal screw	
T11	011	Black plastic case	
T12	012	Black glue	
T13	013	White glue	
T14	020	Green PCB	
T15	022	Black soft plastic part	
T16	023	Black soft plastic wire jacket	

Test Material	Sample Number	Tested Material Description	Photo
T17	025	Black plastic nut	
T18	026	Black plastic plug shell	
T19	029	Black plastic part	
T20	031	Black plastic frame	
T21	033	Black plastic holder	
T22	034	Black soft plastic part	
T23	037	Transparent plastic shell	
T24	038	Black adhesive fabric inner	
T25	039	Blue grain crystal inner	

Test Material	Sample Number	Tested Material Description	Photo
T26	042	Silvery metal frame without coating	
T27	043	Black soft plastic tube	
T28	044	Silvery metal part without coating	
T29	045	Black plastic frame	
T30	046	Silvery metal shaft without coating	
T31	047	Black plated metal screw	
T32	048	Black plated metal screw	
T33	049	Black coated metal knob	

Test Material	Sample Number	Tested Material Description	Photo
T34	050	White/black printed silvery metal block	
T35	053	Black plastic gasket	



2. TEST RESULT

2.1. TOTAL LEAD CONTENT

For substrate:

Test method: With reference to EPA 3052:1996 or EPA3050B: 1996, analyzed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES). [Reporting Limit: 10 mg/kg]

Test Item	Result [mg/kg]		Maximum Permissible Limit [mg/kg]
	Sample 002+004	Sample 003+008+011	
Total lead (Pb)	24	<10	100

Test Item	Result [mg/kg]		Maximum Permissible Limit [mg/kg]
	Sample 005	Sample 006+022+023	
Total lead (Pb)	<10	<10	100

Test Item	Result [mg/kg]		Maximum Permissible Limit [mg/kg]
	Sample 007	Sample 009+010+042	
Total lead (Pb)	<10	28	100

Test Item	Result [mg/kg]		Maximum Permissible Limit [mg/kg]
	Sample 025+029+031	Sample 037+043+045	
Total lead (Pb)	<10	<10	100

Test Item	Result [mg/kg]		Maximum Permissible Limit [mg/kg]
	Sample 044+046+047	Sample 048	
Total lead (Pb)	27	<10	100

Note:

- “mg/kg” denotes milligram per kilogram
- “<” denotes less than

(Continued)

Test Item	Result [mg/kg]		Maximum Permissible Limit [mg/kg]
	Sample 049	Sample 050	
Total lead (Pb)	13	48	100

Note:

- “mg/kg” denotes milligram per kilogram
- “<” denotes less than

For surface coating:

Test method: With reference to EPA 3052:1996 or EPA3050B: 1996, analyzed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES). [Reporting Limit: 10 mg/kg]

Test Item	Result [mg/kg]	Maximum Permissible Limit [mg/kg]
	Sample 001	
Total lead (Pb)	<10	90

Note:

- “mg/kg” denotes milligram per kilogram
- “<” denotes less than

2.2. PHTHALATES CONTENT TEST

Test method: With reference to US EPA 3550C:2007, extracted by chloroform and analyzed by Gas Chromatography and Mass Spectrometry (GC-MS). [Reporting Limit: 0.005%]

Test Item	Result [%]		Maximum Permissible Limit [%]
	Sample 001	Sample 003+008+011	
Di-butyl Phthalate (DBP)	<0.005	<0.005	0.1
Di-(2-ethyl-hexyl) Phthalate (DEHP)	<0.005	<0.005	0.1
Butyl-benzyl Phthalate (BBP)	<0.005	<0.005	0.1
Di-iso-decyl Phthalate (DIDP)	<0.005	<0.005	0.1
Di-n-hexyl Phthalate (DnHP)	<0.005	<0.005	0.1
Di-isononyl phthalate (DINP)	<0.005	<0.005	0.1
Di-n-octyl Phthalate (DNOP)	<0.005	<0.005	0.1

Note:

- “%” denotes percent by weight
- “<” denotes less than

(Continued)

Test Item	Result [%]		Maximum Permissible Limit [%]
	Sample 006+022+023	Sample 007	
Di-butyl Phthalate (DBP)	<0.005	<0.005	0.1
Di-(2-ethyl-hexyl) Phthalate (DEHP)	<0.005	<0.005	0.1
Butyl-benzyl Phthalate (BBP)	<0.005	<0.005	0.1
Di-iso-decyl Phthalate (DIDP)	<0.005	<0.005	0.1
Di-n-hexyl Phthalate (DnHP)	<0.005	<0.005	0.1
Di-isononyl phthalate (DINP)	<0.005	<0.005	0.1
Di-n-octyl Phthalate (DNOP)	<0.005	<0.005	0.1

Test Item	Result [%]		Maximum Permissible Limit [%]
	Sample 025+029+031	Sample 037+043+045	
Di-butyl Phthalate (DBP)	<0.005	<0.005	0.1
Di-(2-ethyl-hexyl) Phthalate (DEHP)	<0.005	<0.005	0.1
Butyl-benzyl Phthalate (BBP)	<0.005	<0.005	0.1
Di-iso-decyl Phthalate (DIDP)	<0.005	<0.005	0.1
Di-n-hexyl Phthalate (DnHP)	<0.005	<0.005	0.1
Di-isononyl phthalate (DINP)	<0.005	<0.005	0.1
Di-n-octyl Phthalate (DNOP)	<0.005	<0.005	0.1

Note:

- “%” denotes percent by weight
- “<” denotes less than

3. REMARK

The chemical testing was performed in TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch Chemical lab and the test results were reviewed at TÜV SÜD Certification and Testing (China) Co., Ltd. Guangzhou Branch.

APPENDIX:

Photos of submitted products



-----End of Report-----

