

VERIFICATION OF COMPLIANCE

Verification No.:	SHES2508016142PV
Applicant:	Anker Innovations Limited. Unit 56, 8th Floor, Tower 2, Admiralty Centre, 18 Harcourt Road, Hong Kong, China
Manufacturer:	Anker Innovations Limited. Unit 56, 8th Floor, Tower 2, Admiralty Centre, 18 Harcourt Road, Hong Kong, China
Product Name:	Anker SOLIX Solarbank Prime E10 Power Module
Product Description:	Anker SOLIX Solarbank Prime E10 Power Module
Model No.:	A17E1
Trade Mark:	ANKER
Rating:	See page 2
Protection against Electric Shock:	Class I
Additional Information (if any):	Software version: V1.0.0.30 Hardware version: M1:V0.9, M2:V0.8, U1:V0.7, A1:V0.5, A2:V0.3
Sufficient samples of the product have been tested and found to be in conformity with	
Test Standard:	See page 3
as shown in the	
Test Report Number(s):	SHES250801614201

This Verification of Compliance has been granted to the applicant based on the results of tests, performed by Laboratory of SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. on sample of the above-mentioned product in accordance with the provisions of the relevant specific standards.



Van Hua
Van Hua
Technical Manager
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

2025-09-23

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
588 West Jindu Road, Xinqiao, Songjiang, 201612 Shanghai, China.
www.sgs.com
Member of the SGS Group (SGS SA)

Verification No.:

SHES2508016142PV

Other information added:

Rating:

Model:	A17E1
INPUT RATINGS:	
MPPT input voltage Range	30~450Vdc
Maximum input current (dc)	15A*2
Max. PV I _{sc}	20A*2
DC input:	
Battery Type	LFP
Battery Voltage	380Vd.c.-450Vd.c.
Max. Charging/Discharging Current	23.7/21.1Ad.c.
DC Generator Input:	
Range of input operating voltage (dc)	380~450Vdc
Maximum input current (dc)	12A
Maximum input power	5400W
OUTPUT RATINGS:	
ON-GIRD AC Input/Output Port & AC Output Port:	
Output power factor rating	+0.8 ~ -0.8
Operating voltage range (ac) (L-N/L-L)	0.88Un~1.1Un
Number of phases	Split phase
Nominal output voltage (ac)	240Vac
Normal output frequency	60Hz
Maximum continuous current	32Aac
Maximum continuous power	7680W
AC Output Port (Bypass Mode):	
Nominal output voltage (ac)	240Vac
Normal output frequency	60Hz
Maximum continuous output current (ac)	40A
Maximum continuous output power (ac)	9600W
AC Input Port (Recharging Mode):	
Nominal output voltage (ac)	L/N/PE, 120Vac, 240Vac
Normal output frequency	60Hz
Maximum continuous input current (ac)	15A, 32A
Maximum continuous input power (ac)	1800W, 7680W
Maximum output fault current (ac) and duration	300A peak, 93.8ms
Normal operation temperature range	-20°C ~ 55°C(>45°C derating)
Enclosure Rating Type	Type 4



Van Hua

Technical Manager

2025-09-23

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
588 West Jindu Road, Xinqiao, Songjiang, 201612 Shanghai, China.
www.sgs.com
Member of the SGS Group (SGS SA)

Verification No.: SHES2508016142PV
 Other information added:

As the gateway used by customer is certified by SunSpec, the compatibility testing is as part of IEEE2030.5 conformance testing of the gateway. According to the Resolution E-5000 & E-5036, for inverters that do not directly implement IEEE 2030.5 client functionality, the following five test cases according to SunSpec CSIP test procedures on the gateway while it is connected to the inverter.

- 1) Inverter Status (BASIC-028)
- 2) Inverter Meter Reading (BASIC-029)
- 3) Basic Inverter Control – Volt/Var (BASIC-006)
- 4) Basic Inverter Control – Fixed Power Factor (BASIC-008)
- 5) Basic Inverter Control – Volt-Watt (BASIC-011)

The test was conducted using the QualityLogic IEEE 2030.5 Test Harness which implements the test cases that are described in the CSIP Test Procedures document.

The inverter under test was subjected to testing conditions as follows:

- ✓ The inverter was operating during test harness verification procedure.
- ✓ The gateway was given orders as IEEE 2030.5 commands (Inverter Status, Inverter Meter Reading, Volt/VAR, Fixed Power Factor, and Volt/Watt) sent from an IEEE 2030.5 Client FTS that were subsequently translated to signals understood by the inverter.
- ✓ The inverter parameters were verified:
 - a) to change during the test cases for Volt-VAR, Fixed Power Factor, and Volt-Watt and
 - b) report monitored data during the test cases for Inverter Status and Inverter Meter Reading. Based on this procedure, the requirements from Appendix C of the resolution were verified.

Test Name	Test Description	Result
BASIC-006	Basic Inverter Control (Volt/Var) [C, A, S]	Pass
BASIC-008	Basic Inverter Control (Fixed Power Factor) [C, A, S]	Pass
BASIC-011	Basic Inverter Control (Volt-Watt) [C, A, S]	Pass
BASIC-028	Inverter Status [C, A, S]	Pass
BASIC-029	Inverter Meter Reading [C, A, S]	Pass

Test Standard: California Public Utilities Commission Resolution E-5000 & E-5036
 Common Smart Inverter Profile V2.1
 Test procedure: Common Smart Inverter Profile (CSIP) Conformance Test Procedures V1.2



Van Hua
 Technical Manager
 SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

2025-09-23

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
 588 West Jindu Road, Xinqiao, Songjiang, 201612 Shanghai, China.
www.sgs.com
 Member of the SGS Group (SGS SA)