

## VERIFICATION OF COMPLIANCE

No.: LVD GZES2411022390PV

Applicant: Anker Innovations Limited  
Unit 56, 8th Floor, Tower 2, Admiralty Centre, 18 Harcourt Road, Hong Kong

Manufacturer: Anker Innovations Limited  
Unit 56, 8th Floor, Tower 2, Admiralty Centre, 18 Harcourt Road, Hong Kong

Product Name: Anker SOLIX Solarbank 3 E2700 Pro

Product Description: Inverter used in PV system

Model No.: A17C53Z1, A17C53Z1-1, A17C53Z1-2, A17C53Z1-3, A17C53Z1-4, A17C53Z1-5, A17C53Z1-20, A17C53Z1-20-1, A17C53Z1-20-2, A17C53Z1-20-3, A17C53Z1-20-4, A17C53Z1-20-5

Trade Mark: ANKER

Rating: See page 2-3

Protection against Electric Shock: Class I

Degree of Protection: IP65

Additional Information: Software version: V1.0  
Hardware version: V1.0

Sufficient samples of the product have been tested and found to be in conformity with

Test Standard: EN 62109-1:2010  
EN 62109-2:2011

as shown in the

Test Report Number(s): GZES241102239001  
GZES241102239002

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 Co., Ltd. on sample of the above-mentioned product in accordance with the provisions of the relevant harmonized standards under the Low Voltage Directive 2014/35/EU. The CE marking can be affixed, under the responsibility of the manufacturer, after completion of an EC Declaration of Conformity and compliance with all relevant EC Directives. The affixing of the CE marking presumes in addition that the conditions in annexes III and IV of the Directive are fulfilled.

David Guo  
Technical Manager

SGS-CSTC Standards Technical Services Co., Ltd.

2025-02-21

This document is issued by the Company under its General Conditions of Service accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](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 Co., Ltd.  
16F, Century Yu Hui Mansion, No.73, Fucheng Road, Haidian District, Beijing, 100142, CHINA  
[www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)  
Member of the SGS Group (SGS SA)

No.:

LVD GZES2411022390PV

Other information added:

Rating:

Model	A17C53Z1 A17C53Z1-n*	A17C53Z1-20 A17C53Z1-20-n*
PV Input		
Max. input voltage	60 Vdc	
MPPT operating voltage range	16-60 Vdc	
Max. input current	32 * 4 A	
Max. Isc PV	40 * 4 A	
Max. input power	900 * 4 W	
Number of MPPT	4	
Battery Input		
Voltage Range	21.6-28.8 Vdc	
Rated voltage	25.6 Vdc	
Max. charge / discharge current	70 / 75 A	
Rated power (Single Device )	1800 W	
AC Input (On-grid)		
Nominal input voltage	230 Vac, L+N+PE	
Nominal grid frequency	50 Hz	
Max. input power	2000 W	
Max. input current	10 A	
Max. charge power	1200 W	
Max. charge power	5.3 A	
AC Output (On-grid)		
Nominal grid voltage	230 Vac, L+N+PE	
Nominal grid frequency	50 Hz	
Rated power	800 W	1200 W
Max. AC current	3.5 A	5.3 A
Output power factor	0.8 lagging to 0.8 leading	
AC Output (Off-grid)		
Nominal grid voltage	230 Vac, L+N+PE	
Nominal grid frequency	50 Hz	
Max. output power	1200 W	
Max. output current	5.3 A	
Max. bypass output power	2000 W	
Max. bypass output current	10 A	
General Data		
Max. Altitude	4000 m	
Dimensions	460 * 254 * 279 mm (Inverter); 460 * 233 * 217.5 mm (single battery module)	
Weight	29.2 kg (Inverter); 24 kg (single battery module)	
Operating temperature range	-20 ~ +55 °C	
Protection degree	IP65	
Protective class	Class I	
Cooling method	Natural Cooling	
Topology	Isolated	

David Guo  
Technical Manager

2025-02-21

SGS-CSTC Standards Technical Services 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](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 Co., Ltd.  
16F, Century Yu Hui Mansion, No.73, Fucheng Road, Haidian District, Beijing, 100142, CHINA  
[www.sgs.com.cn](http://www.sgs.com.cn)  
Member of the SGS Group (SGS SA)

Note: \* n refer the number of batteries, which can be 1 to 5. The only difference about them is the number of battery stacks and battery capacity.

All model number are as follow: A17C53Z1, A17C53Z1-1, A17C53Z1-2, A17C53Z1-3, A17C53Z1-4, A17C53Z1-5, A17C53Z1-20, A17C53Z1-20-1, A17C53Z1-20-2, A17C53Z1-20-3, A17C53Z1-20-4, A17C53Z1-20-5.



David Guo   
Technical Manager

SGS-CSTC Standards Technical Services Co., Ltd.

2025-02-21

This document is issued by the Company under its General Conditions of Service accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](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 Co., Ltd.**  
16F, Century Yu Hui Mansion, No.73, Fucheng Road, Haidian District, Beijing, 100142, CHINA  
[www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)  
Member of the SGS Group (SGS SA)