

VERIFICATION OF COMPLIANCE

No.: LVD GZES2411022390PV

Applicant: Anker Innovations Limited

Unit 56, 8th Floor, Tower 2, Admiralty Centre, 18 Harcourt

Road, Hong Kong

Anker Innovations Limited Manufacturer:

Unit 56, 8th Floor, Tower 2, Admiralty Centre, 18 Harcourt

Road, Hong Kong

Anker SOLIX Solarbank 3 E2700 Pro Product Name:

Inverter used in PV system Product Description:

A17C53Z1, A17C53Z1-1, A17C53Z1-2, A17C53Z1-3, Model No.:

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 IP65 Degree of Protection:

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

GZES241102239001 as shown in the GZES241102239002 Test Report Number(s):

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.

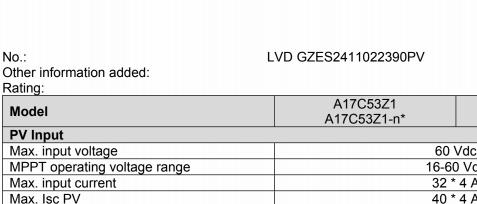
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2025-02-21

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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-gird)			
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-gird)			
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 * <mark>254 *</mark> 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 Manager
Technical Manager
SGS-CSTC Standards Technical Services Co., Ltd.

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A17C53Z1-20

A17C53Z1-20-n*



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.





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