

Certificate of Conformity (COC)



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

Date of Original Issue : 2024-8-18

Date of Last Revision : --

Date of Expiry : 2027-8-17

Certificate Number : PCS-24-1119

Product : Energy Storage System

Ratings : See appendix on page 2

Brand/Trademark : ANKER

Model : A17C1, A17C3

Test Laboratory : SGS-CSTC Standards Technical Services Co., Ltd. Suzhou Branch

Testing Report : SUEE240800008851

Test Standard : EN 50549-1: 2019

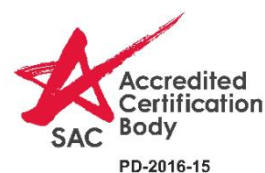


This is to certify that the product has been tested and was found to comply with the requirements of the standard(s).
The above-mentioned product is certified according to the requirements of ISO/IEC 17065:2012.

The above-mentioned product is certified according to the standard EN 50549-1: 2019 and is valid to be installed in generating of type plants A to be connected to a LV distribution network. The relation between this European Standard with the relevant Article of COMMISSION REGULATION (EU) 2016/631 (NC RfG) is considered as it is indicated in the annex H of the standard EN 50549-1:2019.

Requirements for interface protection according to the clause 4.9.3 of the above-mentioned standard have been checked verifying upper and lower thresholds of the voltage and frequency configuration ranges which are required in the certified standard. This ensures the compliance with interface protection settings which adjusted inside of these configuration ranges, as for example, interface protection settings needed in **The Netherlands**.

Christopher Hee
Certification Officer



SGS Testing & Control Services Singapore Pte Ltd
30 Boon Lay Way #03-01 Singapore 609957



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APPENDIX

Certificate Number: PCS-24-1119

Model	A17C1	A17C3
PV Input		
Max. input voltage	60 Vdc	
MPPT operating voltage range	16-60 Vdc	
Max. input current	16 *4 A	16 *2 A
Battery Input		
Battery rated voltage	16 V dc	
Battery Max. charge & discharge current	75 A	
Battery rated power	1000W	
AC Output		
Nominal grid voltage	L/N/PE, 230 Vac	
Nominal grid frequency	50 Hz	
Rated AC power	800 W	
Max. AC apparent power	800 VA	
Max. AC current	3.5 A	
Output power factor	1 default (adjustable+/-0.8)	
AC Output (Back-up)		
Nominal grid voltage	L/N/PE, 230 Vac	/
Nominal grid frequency	50Hz	/
Rated AC power	1000W	/
Max. AC apparent power	1000W	/
Max. AC current	4.4 A	/
Output power factor	1 default (adjustable+/-0.8)	/
General Data		
Operating temperature range	-20 °C ~ +55 °C	
Protection degree	IP65	
Protective class	Class I	
Cooling method	Natural Cooling	
Topology	Isolated	



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