



VERIFICATION OF COMPLIANCE

Release No.:
1.1 (2023)

Applicant:	Anker Innovations Limited Unit 56, 8th Floor, Tower 2, Admiralty Centre, 18 Harcourt Road, Central and Western District, HONG KONG								
Device Category:	Energy Storage System								
Model(s):	A17C1 A17C3								
Trademark:									
Technical data:	Product family: A17C1, A17C3 (For further details see A.2 Technical data of the Generating Unit(s) on p.2)								
Software version:	v1.3.1.0								
Grid connection code:	CEI 0-21:2022-03 CEI 0-21;V1:2022-11 CEI 0-21;V2:2024-01 Technical reference rule for the connection of active and passive users to the LV electricity distribution networks of companies. Topology of the device, which this certificate is based on:								
	<table border="1"> <thead> <tr> <th>INTERFACE DEVICE</th> <th>PROTECTION INTERFACE</th> <th>STATIC ELECTRONIC INVERTER</th> <th>ROTATING GENERATION MACHINE</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">X</td> <td style="text-align: center;">X</td> <td style="text-align: center;">X</td> <td></td> </tr> </tbody> </table>	INTERFACE DEVICE	PROTECTION INTERFACE	STATIC ELECTRONIC INVERTER	ROTATING GENERATION MACHINE	X	X	X	
INTERFACE DEVICE	PROTECTION INTERFACE	STATIC ELECTRONIC INVERTER	ROTATING GENERATION MACHINE						
X	X	X							
	Indicate with one x the field or fields to which the declaration refers. PHASE NUMBER: Single-phase Note: The device is able to limit the I _{dc} to 0.5% of the nominal current. The device is for plants of each power. The inverters of Anker Innovations Limited have a maximum apparent power limit. In the case where a system should be able to reach in every working condition a determined power factor, it is necessary to set the maximum active power in such a way, that you can reach at any time the cos-phi wanted.								
Test report no.:	HC2411050237GC01 (2024-11-29)								

This verification confirms that the above-mentioned generating unit(s) with corresponding software meet the requirements of the referenced grid connection code at the time the tests were conducted.


Jack Shi

Sr. Project Manager

A.1 Revision history of the verification

Revision	Date	Changes	Status
0 (VHC2411050237GC01)	2024-11-29	Initial issue	Active

A.2 Technical data of the Generating Unit(s)

Model	A17C1	A17C3
DC input (PV)		
Max. DC input voltage [V]	60	
Operating MPPT voltage range [V]	16 ~ 60	
Input DC current [A]	max. 16 / 16 / 16 / 16	max. 16 / 16
Number of MPPT :	4	2
Max. number of input strings per MPPT	1	1
Battery connection		
Battery voltage range [V]	16	
Battery charging and discharging current [A]	max. 70 / 75	
Battery Rated Energy [Wh]	1600	
AC connection		
Nominal output AC voltage [V]	230 (L + N + PE, 50 Hz)	
Output AC Rated current [A]	3,5	
Max. Output AC current [A]	3,5	
Nominal active output power P _n [W]	790	
Max. apparent power [VA]	790	
Operating temperature range	-20°C ~ +55°C	
Degree of protection	IP65	
Protection class	I	
Topology	Isolated Transformer	
Software version	v1.3.1.0	
Note: A17C1 and A17C3 Microinverters are only grid-connected for PV, batteries are not grid-connected and can only supply loads.		

Factory's name	Dongguan Luxshare Smart-Link Electronic Technology Co., Ltd
Factory address	Building 3, No. 313, Qingxi North Ring Road, Qingxi Town, 523642 Dongguan City, Guangdong Province, PEOPLE'S REPUBLIC OF CHINA
Testing laboratory	Lyns-tci Technology Guangdong Co., Ltd. Room 1201, Unit 2, Building 18, No. 7, Science and Technology Boulevard, Houjie Town, Dongguan City, Guangdong, 523960 P.R.C (Accredited acc. ISO/IEC 17025: A2LA Accreditation no. 5200.02)
Testing location	Same as above
Date(s) of performance of tests	2024-11-06 to 2024-11-27