


CERTIFICATE OF CONFORMITY

Issued to: Anker Solix Innovations Limited
Flat/RM 829, 8/F, Tower 2, Admiralty Centre, 18 Harcourt Road, Hong Kong

For the product: Energy Storage System

Trade name: 

Type/Model: AE103SZ1, AE1038Z1, AE1033Z1-20, AE1033Z1

Ratings: See annex

Manufactured by: Anker Solix Innovations Limited
Flat/RM 829, 8/F, Tower 2, Admiralty Centre, 18 Harcourt Road, Hong Kong

Requirements: TOR Erzeuger Typ A V1.3:2024
OVE-Richtlinie R 25:2020

This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 4950666.50.

The examination has been carried out on one single specimen of the product. The Attestation does not include an assessment of the manufacturer's production. Conformity of this production with the specimen tested by DEKRA is not the responsibility of DEKRA.

This Test Certificate expires at the latest on 31 March 2031 or expires upon withdrawal of one of the above mentioned standards.

Shanghai, 31 March 2026

Number: 4950666.01COC

DEKRA Testing and Certification (Shanghai) Ltd.



Rosa Zhou
Certification Manager



PCA-141

© Integral publication of this certificate and adjoining reports is allowed

DEKRA Testing and Certification (Shanghai) Ltd.

No.250, Jiangchangsan Road, Jing'an District, Shanghai, 200436 People's Republic of China

T +86 21 6056 7600 F +86 21 6056 7555 www.dekra-product-safety.com

ESA-CER-F021 v4.1

Model List and Ratings					
Model		AE103SZ1	AE1038Z1	AE1033Z1-20	AE1033Z1
PV Input	$V_{MAX\ PV} [V_{DC}]$	60			
	MPPT Voltage Range $V_{MPP} [V_{DC}]$	16 - 50			
	$I_{SC\ PV} [A_{DC}]$	45*4			
	Max. Input Current $I_{MAX} [A_{DC}]$	36*4			
	Number of MPPT	4			
Battery	Battery Type	LiFePO4/LFP			
	Rated Voltage $[V_{DC}]$	16			
	Rated Energy [Wh]	5024			
	Max. charge/ Discharge current $[A_{DC}]$	180			
	Rated Power (Single Device) [W]	2500			
	Supported Parallel Units	0 - 5			
AC input/ (Grid Side)	Rated Input Voltage	L+N+PE, 220/230 V_{AC} , 50Hz			
	Max. AC Input Current $[A_{AC}]$	16			
	Max. AC Charge Current $[A_{AC}]$	10.9			
	Max. AC Input Power [W]	3600			
	Max. AC Charge Power [W]	2500			
AC output (Grid Side)	Rated Output Voltage	L+N+PE, 220/230 V_{AC} , 50Hz			
	Rated Output Current $[A_{AC}]$	2.6	3.4	3.5	10.9
	Rated Power [W]	600	790	800	2500
	Max. Output Current $[A_{AC}]$	2.6	3.4	3.5	10.9
	Max. Apparent Power [VA]	600	790	800	2500
	Power Factor Range	-0.8 leading to +0.8 lagging (adjustable)			
AC Output (Back-up)	Rated Output Voltage	L+N+PE, 220/230 V_{AC} , 50Hz			
	Max. Output Current $[A_{AC}]$	10.9			
	Max. Output Power [VA]	2500			
	Max. Bypass Current $[A_{AC}]$	16			
	Max. Bypass Power [VA]	3600			
General	Type of inverter	Isolated			
	Protective Class	Class I			
	Enclosure Protection (IP)	IP66			
	Operating Temperature Range $[^{\circ}C]$	-20 to +55			
	Altitude [m]	4000			
	Size (W*H*D) [mm]	305*355*460			
	Weight [kg]	50			

Firmware version: V1.0

Testing Laboratory:

 DEKRA Testing and Certification (Shanghai) Ltd., Guangzhou Branch
 Block 5. No.3, Qiyun Road, Huangpu District, Guangzhou, Guangdong, China

Accreditation Number: L5805 (CNAS-ILAC)

--- End ---