

# ATTESTATION 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: Master: AE103SZ1, AE1038Z1, AE1033Z1-20, AE1033Z1, AE1032Z1-20, AE1032Z1  
Slave: AE1033Z1-85

Ratings: See annex

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

Subject: Complete evaluation of electrical system of the appliances

Requirements: EN 62109-1:2010  
EN 62109-2:2011

This Attestation is granted on account of an examination by DEKRA, the results of which are laid down in a test file / test report no 4951056.50/51.

The examination has been carried out on one single specimen or several specimens of the product, submitted by the manufacturer. 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.

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Arnhem, 3 April 2026

Number: 4951056.01AOC

DEKRA Testing and Certification (Shanghai) Ltd.,  
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# Annex

Document no. : 4951056.01AOC

Ratings:

Model List and Ratings							
Model		AE103S Z1	AE1038 Z1	AE1033 Z1-20	AE1033 Z1	AE1032 Z1-20	AE1032 Z1
PV Input	V <sub>MAX PV</sub> [V <sub>DC</sub> ]	60					
	MPPT Voltage Range V <sub>MPP</sub> [V <sub>DC</sub> ]	16 - 50					
	I <sub>SC PV</sub> [A <sub>DC</sub> ]	45*4					
	Max. Input Current I <sub>MAX</sub> [A <sub>DC</sub> ]	36*4					
	Number of MPPT	4					
Battery	Battery Type	LiFePO4/LFP					
	Rated Voltage [V <sub>DC</sub> ]	16					
	Rated Energy [Wh]	5024					
	Max. charge/ Discharge current [A <sub>DC</sub> ]	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 <sub>AC</sub> , 50Hz					
	Max./Rated AC Input Current [A <sub>AC</sub> ]	16				13	
	Max. AC Charge Current [A <sub>AC</sub> ]	10.9					
	Max./Rated AC Input Power [W]	3600				2990	
	Max. AC Charge Power [W]	2500					
AC output (Grid Side)	Rated Output Voltage	L+N+PE, 220/230 V <sub>AC</sub> , 50Hz					
	Rated Output Current [A <sub>AC</sub> ]	2.6	3.4	3.5	10.9	3.5	10.9
	Rated Power [W]	600	790	800	2500	800	2500
	Max. Output Current [A <sub>AC</sub> ]	2.6	3.4	3.5	10.9	3.5	10.9
	Max. Apparent Power [VA]	600	790	800	2500	800	2500
	Power Factor Range	-0.8 leading to +0.8 lagging (adjustable)					
Output (Back-)	Rated Output Voltage	L+N+PE, 220/230 V <sub>AC</sub> , 50Hz					
	Max. Output Current [A <sub>AC</sub> ]	10.9					
	Max. Output Power [VA]	2500					

	Max. Bypass Current [ $A_{AC}$ ]	16	13
	Max. Bypass Power [VA]	3600	2990
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]	460*345*306	
	Weight [kg]	50	
Model		AE1033Z1-85	
Battery	Battery Type	LiFePO4/LFP	
	Rated Voltage [ $V_{DC}$ ]	16	
	Rated Energy [Wh]	5024	
	Rated Capacity [Ah]	314	
	Max. charge/ Discharge current [ $A_{DC}$ ]	180	
	Rated Power [W]	2500	
	Enclosure Protection (IP)	IP66	
	Operating Temperature Range [ $^{\circ}C$ ]	-20 to +55	
	Size (W*H*D) [mm]	460*254*332.5	
	Weight [kg]	42	

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End