



Attestation of Conformity

No. T8B 135260 0047 Rev. 00

Holder of Attestation: **Anker Solix Innovations Limited**

Flat/RM 829, 8/F, Tower 2
Admiralty Centre, 18 Harcourt Road
Central and Western District
HONG KONG

Product: **Energy Storage System
(Battery energy storage system)**

This Attestation of Conformity is issued on a voluntary basis in support of the Conformity Assessment Module A of Radio Equipment Directive 2014/53/EU. On the basis of the referenced test reports, the samples of the listed product were found to comply with the essential requirements of the below listed articles in the above-mentioned directive as implemented in the standards used valid at the time the tests were carried out. For the covered requirements of the Article(s) 3.2, 3.3(d) and 3.3(e) only harmonized standards valid at the moment of issuing where used. The used standards cover the essential requirements of the below listed articles of the Radio Equipment Directive as applicable to this product. For details see: www.tuvsud.com/ps-cert

Test report no.: 64972253197501

Date, 2026-07-28

(Tony Liu)



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Model(s):

AE1113Z1-8, AE1113Z1-8-1, AE1113Z1-8-2, AE1113Z1-8-3, AE1113Z1-8-4, AE1113Z1-8-5, AE1113Z1-25, AE1113Z1-25-1, AE1113Z1-25-2, AE1113Z1-25-3, AE1113Z1-25-4, AE1113Z1-25-5, AE1113Z1-35, AE1113Z1-35-1, AE1113Z1-35-2, AE1113Z1-35-3, AE1113Z1-35-4, AE1113Z1-35-5, AE1113Z1-46, AE1113Z1-46-1, AE1113Z1-46-2, AE1113Z1-46-3, AE1113Z1-46-4, AE1113Z1-46-5, AE1113Z1-50, AE1113Z1-50-1, AE1113Z1-50-2, AE1113Z1-50-3, AE1113Z1-50-4, AE1113Z1-50-5, AE111GZ1, AE111GZ1-1, AE111GZ1-2, AE111GZ1-3, AE111GZ1-4, AE111GZ1-5, AE1114Z1, AE1114Z1-1, AE1114Z1-2, AE1114Z1-3, AE1114Z1-4, AE1114Z1-5, AE111TZ1, AE111TZ1-1, AE111TZ1-2, AE111TZ1-3, AE111TZ1-4, AE111TZ1-5

Parameters:

See model list for details

Report No.

Article 3.1(a)

64972253197501-R1(EN 62311:2008, EN IEC 62311:2020)

64972253197501-R2(EN 62479:2010, EN 50663:2017)

Article 3.1(b)

64972253197501 (EN 301 489-1 V2.2.3:2019,

EN 301 489-17 V3.3.1:2024, EN IEC 61000-6-1:2019,

EN IEC 61000-6-3:2021, EN 62920:2017/A1:2021)

Article 3.2

64972253197501-R1(EN 300 328 V2.2.2:2019)

64972253197501-R2(EN 300 328 V2.2.2:2019)

Tested according to:

EN 300 328 V2.2.2:2019

EN 62479:2010

EN 50663:2017

EN 62311:2008

EN IEC 62311:2020

EN 301 489-1 V2.2.3:2019

EN 301 489-17 V3.3.1:2024

EN IEC 61000-6-1:2019

EN IEC 61000-6-3:2021

EN 62920:2017/A1:2021

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Model:	AE1113Z 1-8	AE1113Z 1-8-1	AE1113Z1 -8-2	AE1113Z1 -8-3	AE1113Z1 -8-4	AE1113Z1 -8-5
PV Input						
MPPT Voltage Range[Vdc]	30-550					
Max.Input Voltage[Vdc]	600					
Max. Input Current[Adc]	18 / 18 / 18					
Isc PV Array Short Circuit Current[Adc]	25 / 25 / 25					
Battery system charge/discharge parameters:						
Battery type	LFP					
Maximum voltage [Vdc]	600					
Battery rated voltage [Vdc]	400					
Battery voltage range [Vdc]	360~600					
Maximum charge power [kW]	3.5	7	10	10	10	10
Maximum charge current [Adc]	9.7	19.4	27.8	27.8	27.8	27.8
Maximum discharge power [kW]	3.5	4.48	4.48	4.48	4.48	4.48
Maximum discharge current [Adc]	9.7	12.4	12.4	12.4	12.4	12.4
Grid terminal input/output parameters						
Rated input/output voltage [Vac]	220/230, 1P+N+PE					
Rated input/output frequency [Hz]	50/60					
Maximum continuous input current [Aac]	16	16	16	16	16	16
Maximum continuous output [Aac]	3.6	3.6	3.6	3.6	3.6	3.6
Maximum continuous output active power [kW]	0.8	0.8	0.8	0.8	0.8	0.8
Maximum continuous output apparent power [kVA]	0.8	0.8	0.8	0.8	0.8	0.8
AC Backup terminal output parameters						

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Rated input/output voltage [Vac]	220/230, 1P+N+PE					
Rated input/output frequency [Hz]	50/60					
Maximum continuous output [Aac]	16	16	16	16	16	16
Maximum continuous output active power [kW]	3.5	3.5	3.5	3.5	3.5	3.5
Maximum continuous output apparent power [kVA]	3.68	3.68	3.68	3.68	3.68	3.68
General						
Operating temperature range [°C]	-20~55 (derating above 40)					
Protective class	Class I					
Ingress protection	IP66					

Model:	AE1113Z1 -25	AE1113Z1 -25-1	AE1113Z1 -25-2	AE1113Z1 -25-3	AE1113Z1 -25-4	AE1113Z1 -25-5
MPPT Voltage Range[Vdc]	30-550					
Max.Input Voltage[Vdc]	600					
Max. Input Current[Adc]	18 / 18 / 18					
Isc PV Array Short Circuit Current[Adc]	25 / 25 / 25					
Battery system charge/discharge parameters:						
Battery type	LFP					
Maximum voltage [Vdc]	600					
Battery rated voltage [Vdc]	400					
Battery voltage range [Vdc]	360~600					
Maximum charge power [kW]	3.5	7	10	10	10	10
Maximum charge current [Adc]	9.7	19.4	27.8	27.8	27.8	27.8
Maximum discharge power [kW]	3.5	5	5	5	5	5

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Maximum discharge current [Adc]	9.7	13.9	13.9	13.9	13.9	13.9
Grid terminal input/output parameters						
Rated input/output voltage [Vac]	220/230, 1P+N+PE					
Rated input/output frequency [Hz]	50/60					
Maximum continuous input current [Aac]	16	16	16	16	16	16
Maximum continuous output [Aac]	11.4	11.4	11.4	11.4	11.4	11.4
Maximum continuous output active power [kW]	2.5	2.5	2.5	2.5	2.5	2.5
Maximum continuous output apparent power [kVA]	2.5	2.5	2.5	2.5	2.5	2.5
AC Backup terminal output parameters						
Rated input/output voltage [Vac]	220/230, 1P+N+PE					
Rated input/output frequency [Hz]	50/60					
Maximum continuous output [Aac]	16	16	16	16	16	16
Maximum continuous output active power [kW]	3.5	3.5	3.5	3.5	3.5	3.5
Maximum continuous output apparent power [kVA]	3.68	3.68	3.68	3.68	3.68	3.68
General						
Operating temperature range [°C]	-20~55 (derating above 40)					
Protective class	Class I					
Ingress protection	IP66					

Model:	AE1113Z1-35	AE1113Z1-35-1	AE1113Z1-35-2	AE1113Z1-35-3	AE1113Z1-35-4	AE1113Z1-35-5
PV Input						

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MPPT Voltage Range[Vdc]	30-550					
Max.Input Voltage[Vdc]	600					
Max. Input Current[Adc]	18 / 18 / 18					
Isc PV Array Short Circuit Current[Adc]	25 / 25 / 25					
Battery system charge/discharge parameters:						
Battery type	LFP					
Maximum voltage [Vdc]	600					
Battery rated voltage [Vdc]	400					
Battery voltage range [Vdc]	360~600					
Maximum charge power [kW]	3.5	7	10	10	10	10
Maximum charge current [Adc]	9.7	19.4	27.8	27.8	27.8	27.8
Maximum discharge power [kW]	3.5	5	5	5	5	5
Maximum discharge current [Adc]	9.7	13.9	13.9	13.9	13.9	13.9
Grid terminal input/output parameters						
Rated input/output voltage [Vac]	220/230, 1P+N+PE					
Rated input/output frequency [Hz]	50/60					
Maximum continuous input current [Aac]	16	16	16	16	16	16
Maximum continuous output [Aac]	16	16	16	16	16	16
Maximum continuous output active power [kW]	3.5	3.5	3.5	3.5	3.5	3.5
Maximum continuous output apparent power [kVA]	3.68	3.68	3.68	3.68	3.68	3.68
AC Backup terminal output parameters						
Rated input/output voltage [Vac]	230, 1P+N+PE					
Rated input/output frequency [Hz]	50/60					

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Maximum continuous output [Aac]	16	16	16	16	16	16
Maximum continuous output active power [kW]	3.5	3.5	3.5	3.5	3.5	3.5
Maximum continuous output apparent power [kVA]	3.68	3.68	3.68	3.68	3.68	3.68
General						
Operating temperature range [°C]	-20~55 (derating above 40)					
Protective class	Class I					
Ingress protection	IP66					

Model:	AE1113Z1-46	AE1113Z1-46-1	AE1113Z1-46-2	AE1113Z1-46-3	AE1113Z1-46-4	AE1113Z1-46-5
PV Input						
MPPT Voltage Range[Vdc]	30-550					
Max.Input Voltage[Vdc]	600					
Max. Input Current[Adc]	18 / 18 / 18					
Isc PV Array Short Circuit Current[Adc]	25 / 25 / 25					
Battery system charge/discharge parameters:						
Battery type	LFP					
Maximum voltage [Vdc]	600					
Battery rated voltage [Vdc]	400					
Battery voltage range [Vdc]	360~600					
Maximum charge power [kW]	3.5	7	10	10	10	10
Maximum charge current [Adc]	9.7	19.4	27.8	27.8	27.8	27.8
Maximum discharge power [kW]	3.5	5	5	5	5	5

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Maximum discharge current [Adc]	9.7	13.9	13.9	13.9	13.9	13.9
Grid terminal input/output parameters						
Rated input/output voltage [Vac]	220/230, 1P+N+PE					
Rated input/output frequency [Hz]	50/60					
Maximum continuous input current [Aac]	20.9	20.9	20.9	20.9	20.9	20.9
Maximum continuous output [Aac]	22.7	22.7	22.7	22.7	22.7	22.7
Maximum continuous output active power [kW]	4.6	4.6	4.6	4.6	4.6	4.6
Maximum continuous output apparent power [kVA]	5	5	5	5	5	5
AC Backup terminal output parameters						
Rated input/output voltage [Vac]	220/230, 1P+N+PE					
Rated input/output frequency [Hz]	50/60					
Maximum continuous output [Aac]	16	16	16	16	16	16
Maximum continuous output active power [kW]	3.5	3.5	3.5	3.5	3.5	3.5
Maximum continuous output apparent power [kVA]	3.68	3.68	3.68	3.68	3.68	3.68
General						
Operating temperature range [°C]	-20~55 (derating above 40)					
Protective class	Class I					
Ingress protection	IP66					

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Model:	AE1113Z1-50	AE1113Z1-50-1	AE1113Z1-50-2	AE1113Z1-50-3	AE1113Z1-50-4	AE1113Z1-50-5
PV Input						
MPPT Voltage Range[Vdc]	30-550					
Max.Input Voltage[Vdc]	600					
Max. Input Current[Adc]	18 / 18 / 18					
Isc PV Array Short Circuit Current[Adc]	25 / 25 / 25					
Battery system charge/discharge parameters:						
Battery type	LFP					
Maximum voltage [Vdc]	600					
Battery rated voltage [Vdc]	400					
Battery voltage range [Vdc]	360~600					
Maximum charge power [kW]	3.5	7	10	10	10	10
Maximum charge current [Adc]	9.7	19.4	27.8	27.8	27.8	27.8
Maximum discharge power [kW]	3.5	5	5	5	5	5
Maximum discharge current [Adc]	9.7	13.9	13.9	13.9	13.9	13.9
Grid terminal input/output parameters						
Rated input/output voltage [Vac]	220/230, 1P+N+PE					
Rated input/output frequency [Hz]	50/60					
Maximum continuous input current [Aac]	22.7	22.7	22.7	22.7	22.7	22.7
Maximum continuous output [Aac]	22.7	22.7	22.7	22.7	22.7	22.7

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Maximum continuous output active power [kW]	5	5	5	5	5	5
Maximum continuous output apparent power [kVA]	5	5	5	5	5	5
AC Backup terminal output parameters						
Rated input/output voltage [Vac]	220/230, 1P+N+PE					
Rated input/output frequency [Hz]	50/60					
Maximum continuous output [Aac]	16	16	16	16	16	16
Maximum continuous output active power [kW]	3.5	3.5	3.5	3.5	3.5	3.5
Maximum continuous output apparent power [kVA]	3.68	3.68	3.68	3.68	3.68	3.68
General						
Operating temperature range [°C]	-20~55 (derating above 40)					
Protective class	Class I					
Ingress protection	IP66					

Model:	AE111GZ1	AE111GZ1-1	AE111GZ1-2	AE111GZ1-3	AE111GZ1-4	AE111GZ1-5
PV Input						
MPPT Voltage Range[Vdc]	30-550					
Max.Input Voltage[Vdc]	600					
Max. Input Current[Adc]	18 / 18 / 18					
Isc PV Array Short Circuit Current[Adc]	25 / 25 / 25					
Battery system charge/discharge parameters:						

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Battery type	LFP					
Maximum voltage [Vdc]	600					
Battery rated voltage [Vdc]	400					
Battery voltage range [Vdc]	360~600					
Maximum charge power [kW]	3.5	7	10	10	10	10
Maximum charge current [Adc]	9.7	19.4	27.8	27.8	27.8	27.8
Maximum discharge power [kW]	3.5	5	5	5	5	5
Maximum discharge current [Adc]	9.7	13.9	13.9	13.9	13.9	13.9
Grid terminal input/output parameters						
Rated input/output voltage [Vac]	220/230, 1P+N+PE					
Rated input/output frequency [Hz]	50/60					
Maximum continuous input current [Aac]	22.7	22.7	22.7	22.7	22.7	22.7
Maximum continuous output [Aac]	22.7	22.7	22.7	22.7	22.7	22.7
Maximum continuous output active power [kW]	5	5	5	5	5	5
Maximum continuous output apparent power [kVA]	5	5	5	5	5	5
AC Backup terminal output parameters						
Rated input/output voltage [Vac]	220/230, 1P+N+PE					
Rated input/output frequency [Hz]	50/60					
Maximum continuous output [Aac]	22.7	22.7	22.7	22.7	22.7	22.7

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Maximum continuous output active power [kW]	5	5	5	5	5	5
Maximum continuous output apparent power [kVA]	5	5	5	5	5	5
General						
Operating temperature range [°C]	-20~55 (derating above 40)					
Protective class	Class I					
Ingress protection	IP66					

Model:	AE1114Z1	AE1114Z1-1	AE1114Z1-2	AE1114Z1-3	AE1114Z1-4	AE1114Z1-5
PV Input						
MPPT Voltage Range[Vd.c.]	30-550					
Max.Input Voltage[Vd.c.]	600					
Max. Input Current[Ad.c.]	18 / 18 / 18					
Isc PV Array Short Circuit Current[Ad.c.]	25 / 25 / 25					
Battery system charge/discharge parameters:						
Battery type	LFP					
Maximum voltage [Vdc]	600					
Battery rated voltage [Vdc]	400					
Battery voltage range [Vdc]	360~600					
Maximum charge power [kW]	3.5	7	10	10	10	10
Maximum charge current [Adc]	9.7	19.4	27.8	27.8	27.8	27.8
Maximum discharge power [kW]	3.5	5	5	5	5	5

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Maximum discharge current [A _{dc}]	9.7	13.9	13.9	13.9	13.9	13.9
Grid terminal input/output parameters						
Rated input/output voltage [Vac]	220/230, 1P+N+PE					
Rated input/output frequency [Hz]	50/60					
Maximum continuous input current [A _{ac}]	20.9	20.9	20.9	20.9	20.9	20.9
Maximum continuous output [A _{ac}]	22.7	22.7	22.7	22.7	22.7	22.7
Maximum continuous output active power [kW]	4.6	4.6	4.6	4.6	4.6	4.6
Maximum continuous output apparent power [kVA]	5	5	5	5	5	5
AC Backup terminal output parameters						
Rated input/output voltage [Vac]	220/230, 1P+N+PE					
Rated input/output frequency [Hz]	50/60					
Maximum continuous output [A _{ac}]	22.7	22.7	22.7	22.7	22.7	22.7
Maximum continuous output active power [kW]	5	5	5	5	5	5
Maximum continuous output apparent power [kVA]	5	5	5	5	5	5
General						
Operating temperature range [°C]	-20~55 (derating above 40)					
Protective class	Class I					
Ingress protection	IP66					

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Model:	AE111TZ1	AE111TZ1-1	AE111TZ1-2	AE111TZ1-3	AE111TZ1-4	AE111TZ1-5
PV Input						
MPPT Voltage Range[Vdc]	30-550					
Max.Input Voltage[Vdc]	600					
Max. Input Current[Adc]	18 / 18 / 18					
Isc PV Array Short Circuit Current[Adc]	25 / 25 / 25					
Battery system charge/discharge parameters:						
Battery type	LFP					
Maximum voltage [Vdc]	600					
Battery rated voltage [Vdc]	400					
Battery voltage range [Vdc]	360~600					
Maximum charge power [kW]	3.5	7	10	10	10	10
Maximum charge current [Adc]	9.7	19.4	27.8	27.8	27.8	27.8
Maximum discharge power [kW]	3.5	4.99	4.99	4.99	4.99	4.99
Maximum discharge current [Adc]	9.7	13.9	13.9	13.9	13.9	13.9
Grid terminal input/output parameters						
Rated input/output voltage [Vac]	220/230, 1P+N+PE					
Rated input/output frequency [Hz]	50/60					
Maximum continuous input current [Aac]	22.7	22.7	22.7	22.7	22.7	22.7
Maximum continuous output [Aac]	22.7	22.7	22.7	22.7	22.7	22.7
Maximum continuous output active power [kW]	4.99	4.99	4.99	4.99	4.99	4.99

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Maximum continuous output apparent power [kVA]	4.99	4.99	4.99	4.99	4.99	4.99
AC Backup terminal output parameters						
Rated input/output voltage [Vac]	220/230, 1P+N+PE					
Rated input/output frequency [Hz]	50/60					
Maximum continuous output [Aac]	22.7	22.7	22.7	22.7	22.7	22.7
Maximum continuous output active power [kW]	5	5	5	5	5	5
Maximum continuous output apparent power [kVA]	5	5	5	5	5	5
General						
Operating temperature range [°C]	-20~55 (derating above 40)					
Protective class	Class I					
Ingress protection	IP66					

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