

Compliance Document

No. D 086470 0146 Rev. 01

Holder of Certificate: **Ginlong Technologies Co., Ltd.**

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PEOPLE'S REPUBLIC OF CHINA

Product:

Converter
AC coupled energy storage inverter


This Compliance document confirms the compliance with the listed standards on a voluntary basis. It refers only to the sample submitted for testing and certification and does not certify the quality or safety of the serial products. For details see: www.tuvsud.com/ps-cert

Test report no.:

4840923288001

Date,

2023-11-10



(Ming Gu)

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Model(s): S6-EA1P3K-L, S6-EA1P3.6K-L,
S6-EA1P4.6K-L, S6-EA1P5K-L, S6-EA1P6K-L

Parameters:

Model	S6-EA1P3K-L	S6-EA1P3.6K-L	S6-EA1P4.6K-L
Battery			
Battery Type	Li-ion		
Battery Voltage range d.c.	40-60V		
Max. Charge current d.c.	62.5 A	75A	96A
Max. discharge current d.c.	62.5 A	75A	96A
AC-Output(Grid side)			
Max. apparent output power a.c.	3000VA	3600VA	4600VA
Nominal output voltage a.c.	1/N/PE,220V/230V	1/N/PE,220V/230V	1/N/PE,220V/230V
Nominal frequency a.c.	50/60Hz	50/60Hz	50/60Hz
Rated output current a.c.	13.7A/13.1A	16.4A/15.7A	21A/20A
AC-Input			
Nominal input voltage a.c.	1/N/PE,220V/230V		
Current(maximum continuous)	13.7A/13.1A	16.4A/15.7A	21A/20A
Nominal frequency a.c.	50/60Hz		
General			
Protective class	Class I		
Ingress protection	IP66		
Ambient temperature	-25...+60°C		
General power factor	-0.8...1...+ 0.8		
Topology	High frequency isolation		
Over voltage category	DC II / AC III		

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Model	S6-EA1P5K-L	S6-EA1P6K-L
Battery		
Battery Type	Li-ion	
Battery Voltage range d.c.	40-60V	
Max. Charge current d.c.	105 A	125 A
Max. discharge current d.c.	105 A	125 A
AC-Output(Grid side)		
Max. apparent output power a.c.	5000VA	6000VA
Nominal output voltage a.c.	1/N/PE,220V/230V	1/N/PE,220V/230V
Nominal frequency a.c.	50/60Hz	50/60Hz
Rated output current a.c.	22.8A/21.8A	27.3A/26.1A
AC-Input		
Nominal input voltage a.c.	1/N/PE,220V/230V	
Current(maximum continuous)	22.8A/21.8A	27.3A/26.1A
Nominal frequency a.c.	50/60Hz	
General		
Protective class	Class I	
Ingress protection	IP66	
Ambient temperature	-25...+60°C	
General power factor	-0.8...1...+ 0.8	
Topology	High frequency isolation	
Over voltage category	DC II / AC III	

**Tested
according to:**

EN IEC 61000-6-1:2019
 EN IEC 61000-6-2:2019
 EN IEC 61000-6-3:2021
 EN IEC 61000-6-4:2019
 IEC 61000-3-2:2018/AMD1:2020
 IEC 61000-3-12:2011/AMD1:2021
 IEC 61000-3-3:2013/AMD2:2021
 IEC 61000-3-11:2017