

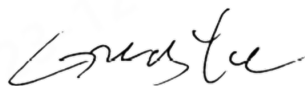
Certificate of Conformity

Certificate Number: CN-PV-230691

On the basis of the tests undertaken, the sample<s> of the below product have been found to comply with the requirements of the referenced specification<s>/standard<s> at the time the tests were carried out. It does not imply that Intertek has performed any surveillance or control of the manufacture(s). The manufacturer(s) shall ensure that the manufacturing process assures compliance of the production units with the examined products mentioned in this certificate.

Applicant:	Shanghai SIGEN New Energy Technology Co., Ltd. No. 175 Weizhan Road, Lingang New Area, China(Shanghai) Pilot Free Trade Zone, Shanghai, P.R.China
Product:	PV Grid inverter & Hybrid Inverter
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	SigenStor EC x TP, Sigen Hybrid x TP, SigenStor AC x TP, Sigen PV Max x TP (x: 5.0, 6.0, 8.0, 10.0)
Brand Name<s>:	
Product Complies with:	G98 Issue 1 Amendment 7, 3 October 2022 Requirements for the connection of Fully Type Tested Micro-generators (up to and including 16 A per phase) in parallel with public Low Voltage Distribution Networks
Certificate Issuing Office Name & Address:	Intertek Testing Services Ltd. Shanghai West Area, 2 nd Floor, No. 707, Zhangyang Road China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China Accredited by ACCREDIA in accordance with ISO/IEC 17065:2012
Test Report No.<s>:	230705138GZU-001, 08 Dec. 2023

Additional information in Appendix.



Signature

Certification Manager: Grady Ye
Date: 12 December 2023



PRD N° 306B

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-230691

SigenStor EC, Sigen Hybrid	5.0 TP	6.0 TP	8.0 TP	10.0 TP
Input (PV)				
Recommended max. PV power	8000W	9600W	12800W	16000W
Max. input voltage	1100 Vd.c.			
MPPT voltage range	160~1000 Vd.c.			
Start-up voltage	180 Vd.c.			
Nominal DC input voltage	600 Vd.c.			
Max. input current per MPPT	16A			
Max. short-circuit current	20A			
Number of MPP trackers	2			3
Max. input number per MPP tracker	1			
Input (DC Battery)				
Operating voltage range	600~900 Vd.c.			
Battery maximum continuous current	22.5A	27A	36A	40A
Output (On Grid)				
Rated output power	5000W	6000W	8000W	10000W
Max. apparent power	5500VA	6600VA	8800VA	11000VA
Max. output current	8.4A	10.0A	13.4A	16.7A
Rated output voltage	380/220 Va.c., 400/230 Va.c.			
Rated AC grid frequency	50/60Hz			
Adjustable power factor	0.8 leading~ 0.8 lagging			
General Data				
Operating temperature range	-30 ~ + 60 °C			
Degree of protection	IP66			
FW Version	V100R001C21			

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SigenStor AC	5.0 TP	6.0 TP	8.0 TP	10.0 TP
Input (DC Battery)				
Operating voltage range	600~900 Vd.c.			
Battery maximum continuous current	22.5A	27A	36A	40A
Output (On Grid)				
Rated output power	5000W	6000W	8000W	10000W
Max. apparent power	5500VA	6600VA	8800VA	11000VA
Max. output current	8.4A	10.0A	13.4A	16.7A
Rated output voltage	380/220 Va.c., 400/230 Va.c.			
Rated AC grid frequency	50/60Hz			
Adjustable power factor	0.8 leading~ 0.8 lagging			
General Data				
Operating temperature range	-30 ~ + 60 °C			
Degree of protection	IP66			
FW Version	V100R001C21			

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Sigen PV Max	5.0 TP	6.0 TP	8.0 TP	10.0 TP
Input (PV)				
Recommended max. PV power	8000W	9600W	12800W	16000W
Max. input voltage	1100 Vd.c.			
MPPT voltage range	160~1000 Vd.c.			
Start-up voltage	180 Vd.c.			
Nominal DC input voltage	600 Vd.c.			
Max. input current per MPPT	16A			
Max. short-circuit current	20A			
Number of MPP trackers	2			3
Max. input number per MPP tracker	1			
Output (On Grid)				
Rated output power	5000W	6000W	8000W	10000W
Max. apparent power	5500VA	6600VA	8800VA	11000VA
Max. output current	8.4A	10.0A	13.4A	16.7A
Rated output voltage	380/220 Va.c., 400/230 Va.c.			
Rated AC grid frequency	50/60Hz			
Adjustable power factor	0.8 leading~ 0.8 lagging			
General Data				
Operating temperature range	-30 ~ + 60 °C			
Degree of protection	IP66			
FW Version	V100R001C21			

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