

Compliance Document

No. D 091566 0047 Rev. 00

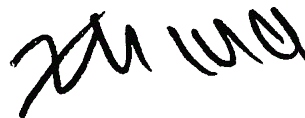
Holder of Certificate: **SINENG ELECTRIC CO.,LTD.**
No.6 Hehui Road, Huishan District
214174 Wuxi City
PEOPLE'S REPUBLIC OF CHINA

Product: **Converter**
Grid-connected PV 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.: 704092230219-00

Date, 2023-02-20



(Zhengdong Ma)

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Model(s): SN50PT, SN50PT-B, SN60PT

Parameters:

The following generators meet the requirements of CEI 0-21:2022																																					
Section A	<table border="1"> <tr> <td>Manufacturer</td> <td colspan="2">Sineng Electric Co., Ltd. No.6 Hehui Road, Huishan District 214174 Wuxi City PEOPLE'S REPUBLIC OF CHINA</td> </tr> <tr> <td>Equipment type</td> <td colspan="2">Grid-Connected PV Inverter</td> </tr> <tr> <td>Brand</td> <td colspan="2">SINENG</td> </tr> <tr> <td>Number of phase</td> <td colspan="2"> <input type="checkbox"/> Single phase <input checked="" type="checkbox"/> Three phase Frequency: 50Hz Voltage: 3/N/PE~ 230/400Va.c. </td> </tr> <tr> <td>Primary energy used</td> <td colspan="2"> <input checked="" type="checkbox"/> Solar <input type="checkbox"/> Storage <input type="checkbox"/> Wind <input type="checkbox"/> Hydroelectric <input type="checkbox"/> CHP <input type="checkbox"/> Other: </td> </tr> <tr> <td>Generator model</td> <td>SN50PT-B, SN50PT</td> <td>SN60PT</td> </tr> <tr> <td>Rated power</td> <td>50kW / 55kVA</td> <td>60kW / 66kVA</td> </tr> <tr> <td>The generator:</td> <td colspan="2"> <input checked="" type="checkbox"/> is suitable for installation in systems with an output power of more than 11.08 kW <input checked="" type="checkbox"/> is capable of limiting Idc to 0.5% of rated current <input checked="" type="checkbox"/> uses a DC-sensitive protection function <input type="checkbox"/> uses a transformer operating at mains frequency </td> </tr> <tr> <td rowspan="4">Section B</td> <td colspan="2">Characteristics of the interface protection system</td> </tr> <tr> <td>Manufacturer</td> <td colspan="2">--</td> </tr> <tr> <td>Model</td> <td colspan="2">--</td> </tr> <tr> <td>Type</td> <td colspan="2"> <input type="checkbox"/> Integrated <input checked="" type="checkbox"/> Not integrated Remark: a dedicated device (protection relay) shall be installed for production plants with a total power exceeding 11.08 kW </td> </tr> </table>	Manufacturer	Sineng Electric Co., Ltd. No.6 Hehui Road, Huishan District 214174 Wuxi City PEOPLE'S REPUBLIC OF CHINA		Equipment type	Grid-Connected PV Inverter		Brand	SINENG		Number of phase	<input type="checkbox"/> Single phase <input checked="" type="checkbox"/> Three phase Frequency: 50Hz Voltage: 3/N/PE~ 230/400Va.c.		Primary energy used	<input checked="" type="checkbox"/> Solar <input type="checkbox"/> Storage <input type="checkbox"/> Wind <input type="checkbox"/> Hydroelectric <input type="checkbox"/> CHP <input type="checkbox"/> Other:		Generator model	SN50PT-B, SN50PT	SN60PT	Rated power	50kW / 55kVA	60kW / 66kVA	The generator:	<input checked="" type="checkbox"/> is suitable for installation in systems with an output power of more than 11.08 kW <input checked="" type="checkbox"/> is capable of limiting Idc to 0.5% of rated current <input checked="" type="checkbox"/> uses a DC-sensitive protection function <input type="checkbox"/> uses a transformer operating at mains frequency		Section B	Characteristics of the interface protection system		Manufacturer	--		Model	--		Type	<input type="checkbox"/> Integrated <input checked="" type="checkbox"/> Not integrated Remark: a dedicated device (protection relay) shall be installed for production plants with a total power exceeding 11.08 kW	
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Section C	Characteristics of inverter(s)	
	Model of inverter	SN50PT-B, SN50PT SN60PT
	Rated power of inverter (P _{NINV})	50kW 60kW
	Manufacturer of inverter	Sineng Electric Co., Ltd.
	Firmware version	V000B051D008
Section I	References of the laboratories that performed the tests and their test reports (RdP)	
	Selected method	<input checked="" type="checkbox"/> Tests performed under the supervision of a certification body
	Test Reports (RdP)	1) Test report according to Annex B: 70.409.22.302.19-00
	Issued by	Testing lab: Sineng Electric Co., Ltd. Tests performed under supervision of certifier from TÜV SÜD Product Service GmbH
	Accreditation No.	D-ZE-11321-01-00
	Accreditation body reference	DAKKS
Section M	Reference of the certification body	
	Certification Body	TÜV SÜD Product Service GmbH DAKKS accreditation certificate D-ZE-11321-01-00 according to DIN EN ISO/IEC 17065:2013

Tested according to:

CEI 0-21:2022