

Compliance Document

No. D 091566 0046 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.: 704092230218-00

Date, 2023-02-20



(Zhengdong Ma)

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Model(s): SN25PT-X, SN30PT, SN33PT, SN36PT, SN40PT

Parameters:

The following generators meet the requirements of CEI 0-21:2022																																											
Section A	<table border="1"> <tr> <td>Manufacturer</td> <td colspan="4">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="4">Grid-Connected PV Inverter</td> </tr> <tr> <td>Brand</td> <td colspan="4">SINENG</td> </tr> <tr> <td>Number of phase</td> <td colspan="4"> <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="4"> <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>SN25PT-X</td> <td>SN30PT</td> <td>SN33PT</td> <td>SN36PT</td> <td>SN40PT</td> </tr> <tr> <td>Rated power</td> <td>25kW / 27.5kVA</td> <td>30kW / 33kVA</td> <td>33kW / 36kVA</td> <td>36kW / 39.6kVA</td> <td>40kW / 44kVA</td> </tr> <tr> <td>The generator:</td> <td colspan="4"> <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> </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	SN25PT-X	SN30PT	SN33PT	SN36PT	SN40PT	Rated power	25kW / 27.5kVA	30kW / 33kVA	33kW / 36kVA	36kW / 39.6kVA	40kW / 44kVA	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			
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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				
Section C	Characteristics of inverter(s)					
	Model of inverter	SN25PT-X	SN30PT	SN33PT	SN36PT	SN40PT
	Rated power of inverter (P _{NINV})	25kW	30kW	33kW	36kW	40kW
	Manufacturer of inverter	Sineng Electric Co., Ltd.				
	Firmware version	V000B050D001				
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)	Test report according to Annex B: 70.409.22.302.18-00				
	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