

Compliance Document

No. D 120189 0007 Rev. 01

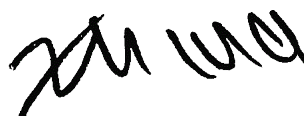
Holder of Certificate: **SRNE Solar Co.,Ltd**
4-5,Building13A
Taihua Wutong Industrial Park
Gushu Development Zone ,Hangcheng Street,Baoan
518102 Shenzhen, Guangdong Province
PEOPLE'S REPUBLIC OF CHINA

Product: **Energy Storage System**
Hybrid inverter with storage battery system

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.: 704092370505-01

Date, 2024-04-19



(Zhengdong Ma)



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Model(s):

Hybrid inverter:

HES4840S100-H, HESP4840S100-H, HES4846S100-H,
HESP4846S100-H, HES4850S100-H, HESP4850S100-H,
HES4855S100-H, HESP4855S100-H, HES4860S100-H,
HESP4860S100-H

Storage battery system: SR-EOS10B, 1-16 pieces

Parameters:

Please see pages 3 to 4.

Tested according to:

CEI 0-21:2022/V1:2022

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| Section A | Manufacturer | SRNE Solar Co., Ltd 4-5F,Building13A,Taihua Wutong Industrial Park ,Gushu Development Zone ,Hangcheng Street,Baoan, Shenzhen, Guangdong Province, PEOPLE'S REPUBLIC OF CHINA | | | |
| | Equipment type | Hybrid inverter with storage battery system | | | |
| | Brand | SRNE | | | |
| | Number of phase | <input checked="" type="checkbox"/> Single phase <input type="checkbox"/> Three phase Frequency: 50Hz Voltage: a.c. 230V | | | |
| | Primary energy used | <input checked="" type="checkbox"/> Solar <input checked="" type="checkbox"/> Storage <input type="checkbox"/> Wind <input type="checkbox"/> Hydroelectric <input type="checkbox"/> CHP <input type="checkbox"/> Other: | | | |
| | Generator model | HES4840S100-H/ HESP4840S100-H | HES4846S100-H/ HESP4846S100-H | HES4850S100-H/ HES4855S100-H/ HESP4850S100-H/ HESP4855S100-H | HES4860S100-H/ HESP4860S100-H |
| | Rated power | 4000W/4000VA | 4600W/4600VA | 5500W/5500VA | 6000W/6000VA |
| | The generator: | <input 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 | SRNE Solar Co.,Ltd | | | |
| | Model | HES4840S100-H/ HESP4840S100-H | HES4846S100-H/ HESP4846S100-H | HES4850S100-H/ HES4855S100-H/ HESP4850S100-H/ HESP4855S100-H | HES4860S100-H/ HESP4860S100-H |
| Type | <input checked="" type="checkbox"/> Integrated <input type="checkbox"/> Not integrated | | | | |
| Section C | Characteristics of inverter(s) | | | | |
| | Model of inverter | HES4840S100-H/ HESP4840S100-H | HES4846S100-H/ HESP4846S100-H | HES4850S100-H/ HES4855S100-H/ HESP4850S100-H/ HESP4855S100-H | HES4860S100-H/ HESP4860S100-H |
| | Manufacturer of inverter | SRNE Solar Co., Ltd | | | |
| | Firmware version | 2.85 | | | |
| | Rated power of inverter (P _{NINV}) | 4000W | 4600W | 5500W | 6000W |
| Section E | Characteristics of the Storage System (SdA) | | | | |
| | Model | HES4840S100-H/ HESP4840S100-H with SR-EOS10B (1-16 pieces) | HES4846S100-H / HESP4846S100-H with SR-EOS10B (1- 16 pieces) | HES4850S100-H /HES4855S100-H / HESP4850S100-H / HESP4855S100-H with SR-EOS10B (1- 16 pieces) | HES4860S100- H/HESP4860S100- H with SR- EOS10B (1-16 pieces) |
| | P _{sn} (nominal discharge power) | 4000W | 4600W | 5500W | 6000W |
| | P _{cn} (nominal charging power) | 3200W | 3200W | 3200W | 3200W |
| | P _{smax} (max.) | 4000W | 4600W | 5500W | 6000W |

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| | discharge power) | | | | |
| | P _{cmax} (max. charging power) | 3200W | 3200W | 3200W | 3200W |
| | Type | <input checked="" type="checkbox"/> Bidirectional <input type="checkbox"/> Monodirectional | | | |
| | Batteries that can be used with the above inverters | | | | |
| | Brand | SRNE Solar Co., Ltd | | | |
| | Technology | Li-Ion | | | |
| | Models | SR-EOS10B | | | |
| | CUS module (kWh) | 10.24 | | | |
| | BMS firmware version | V1.1.7 | | | |
| | Number of modules | 1- 16 pieces | | | |
| 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 | | <input checked="" type="checkbox"/> Tests performed by an accredited laboratory | |
| | Test Reports (RdP) | Test report according to Annex A & Bbis: 704092271801-00; 704092271801-01; 704092271801-02; 704092370505-00, 704092370505-01 | | 1) EMC test report: ENS2404020050E00101R | |
| | Issued by | Testing lab: 1) EMTEK(Shenzhen) Co., Ltd. Tests performed under supervision of certifier from TÜV SÜD Product Service GmbH | | Testing lab: EMTEK(Shenzhen) Co., Ltd. | |
| | Accreditation No. | D-ZE-11321-01-00 | | CNAS L2291 | |
| | Accreditation body reference. | DAKKS | | CNAS | |
| 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 | | | |