ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Product Service

# EU-Type Examination Certificate

## No. E6A 092835 0308 Rev. 00

**Holder of Certificate:** **Suzhou Inovance Technology Co., Ltd.**
No. 52, Tian E Dang Road, Wuzhong District
215104 Suzhou City, Jiangsu Province
PEOPLE'S REPUBLIC OF CHINA

**Product:** **Converter**
**(Power Conversion System)**

This EU-Type Examination Certificate is issued according to the Directive 2014/30/EU relating to electromagnetic compatibility. It confirms that the listed apparatus complies with all aspects of the requirements of the EMC directive as specified by the manufacturer or his authorized representative in the European Community and applies only to the sample and/or its technical documentation submitted for testing and certification. This Type Examination does not contain any statements pertaining to the EMC protection requirements governed by other laws which serve to implement EU Directives other than the aforementioned Directive 2014/30/EU.
For details see: www.tuvsud.com/ps-cert

**Evaluation Report No.:** 6877225004501-(T)

**Date,** 2025-11-24

The EMC state of the art for this certificate will be monitored for 5 years after the issue date until 2030-11-23. During this time, the certificate might be re-evaluated if underlying standards change. In any case, after this 5-year period the certificate will be required to be up re-issued or will be automatically withdrawn.

Samuel Zhang

( Samuel Zhang )


TÜV SÜD Product Service GmbH is notified Body to the Directive 2014/30/EU relating to electromagnetic compatibility with the identification number 0123.

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**No. E6A 092835 0308 Rev. 00**

**Model(s):**

**IES920-07-2500-C-D(a), IES920-07-2391-C-D(a), IES920-07-2283-C-D(a), IES920-07-2174-C-D(a), IES920-07-1993-C-D(a), IES920-07-1739-C-D(a) [(a): The model number may include a suffix "XXXXXXXXXX", Where "XXXXXXXXXX" can be blank or combination of any alphanumeric and/or symbols that represents customer identity.]**

**Description of Object:**

Ratings: See page 3 for details

Remark:
- All aspects of the essential requirements were assessed.
- Class A group 1 for EN 55011:2016/A11:2020, EN 55011:2016/A2:2021

**Tested according to:**

EN 55011:2016/A11:2020
EN 55011:2016/A2:2021
EN IEC 61000-6-4:2019
EN IEC 61000-6-2:2019



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## No. E6A 092835 0308 Rev. 00

| Model: | IES920-07-2500-C-D(a) | IES920-07-2391-C-D(a) | IES920-07-2283-C-D(a) | IES920-07-2174-C-D(a) | IES920-07-1993-C-D(a) | IES920-07-1739-C-D(a) |
|---|---|---|---|---|---|---|
| Battery terminal parameters: | | | | | | |
| Maximum voltage [Vd.c.] | 1500 | | | | | |
| Operating voltage range [Vd.c.] | 1000-1500 | 957-1500 | 915-1500 | 875-1500 | 800-1500 | 700-1500 |
| Operating voltage range (full load) [Vd.c.] | 1050-1500 | 1010-1500 | 960-1500 | 915-1500 | 840-1500 | 740-1500 |
| Maximum charging power [kW] | 2703@40℃ | 2585@40℃ | 2468@40℃ | 2350@40℃ | 2155@40℃ | 1880@40℃ |
| Maximum discharging power [kW] | 2798@40℃ | 2676@40℃ | 2555@40℃ | 2433@40℃ | 2230@40℃ | 1946@40℃ |
| Maximum continuous charging / discharging current [Ad.c.] | 2×1333 | | | | | |
| Maximum charging / discharging current [Ad.c.] | 2×1403 | | | | | |
| AC terminal parameters: | | | | | | |
| Maximum continuous input current [Aa.c.] | 2301 | | | | | |
| Number of phases | 3P | | | | | |
| Rated input frequency [Hz] | 50/60 | | | | | |
| Rated input / output voltage [Va.c.] | 690 | 660 | 630 | 600 | 550 | 480 |
| Maximum input / output apparent power [kVA] | 2750@40℃ | 2630@40℃ | 2511@40℃ | 2391@40℃ | 2192@40℃ | 1913@40℃ |
| Maximum input / output active power [kW] | 2750@40℃ | 2630@40℃ | 2511@40℃ | 2391@40℃ | 2192@40℃ | 1913@40℃ |
| General | | | | | | |
| Operating temperature range [°C] | -40~+60 | | | | | |
| Protective class | Class I | | | | | |
| Ingress Protection(Air Duct) | IP34 | | | | | |
| Ingress protection | IP65 (Electrical room) | | | | | |



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