

CERTIFICATE OF CONFORMITY

Issued to: Altenergy Power System Inc.
No.1, Yatai Road, Jiaxing 314050 Zhejiang Province, P.R. China

For the product: Power Conversion System

Trade name: 

Type/Model: ELS-3K, ELS-5K

Ratings: Operating temperature range: - 25°C to + 65°C
Protective class: I
Ingress protection rating: IP65
Power factor range (adjustable): 0,8 leading...0,8 lagging
ELS-3K:
Battery: Voltage Range 40-60 Vdc, Max charge and discharge current: 77 A
AC output: 230 Vac, 50 Hz, 3680 VA, Max 16 A
ELS-5K:
Battery: Voltage Range 40-60 Vdc, Max charge and discharge current: 100 A
AC output: 230 Vac, 50 Hz, 5000 VA, Max 21.7 A

Manufactured by: Altenergy Power System Inc.
No.1, Yatai Road, Jiaxing 314050 Zhejiang Province, P.R. China

Requirements: TOR Erzeuger Type A Version 1.2:2022-04-11
OVE-Richtlinie R 25:2020-03-01

This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6095762.50

The examination has been carried out on one single specimen or several specimens of the product, submitted by the manufacturer. The certificate does not include an assessment of the manufacturer's production. Conformity of his production with the specimen tested by DEKRA is not the responsibility of DEKRA.

Shanghai, 28 October 2022 Certificate Number: 6095762.01COC
It expires at the latest on: 28 October 2027

DEKRA Testing and Certification (Shanghai) Ltd.


Cliff Lin
Certification Manager

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Accreditation of the certification body by IAS according to ISO/IEC 17065 for products.
Accreditation is valid in the areas of certification mentioned in the certificate.

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Annex

Document no. : 6095762.01COC

Test basics:

TOR Erzeuger Type A Version 1.2:2022-04-11

Connection and parallel operation of Type A power generation systems and small-scale generation systems

OVE-Richtlinie R 25:2020-03-01

Test requirements for generator units to be connected to and operated in parallel with low-voltage distribution networks

- 5.1 Testing the network perturbations
- 5.3 Testing the behavior of the generating unit on the network
- 5.4 Testing the automatic activation point
- 5.5 Testing the connection conditions and synchronization
- 5.6 Proof of robustness and dynamic network support