

ATTESTATION OF CONFORMITY

Issued to: Renac Power Technology Co., Ltd.
Building 6, No.2, West Jinzhi Road, High-Tech District, Suzhou City, Jiangsu Province,
China.

For the product: Hybrid Inverter

Trade name: **RENAC**

Type/Model: ESC3000-DS, ESC3680-DS, ESC5000-DS

Ratings: See Annex

Manufactured by: Renac Power Technology Co., Ltd.
Building 6, No.2, West Jinzhi Road, High-Tech District, Suzhou City, Jiangsu Province,
China.

Requirements: EN 50549-1:2019 (Requirements for type A Generating Units)

This Attestation is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6129465.50

The examination has been carried out on one single specimen or several specimens of the product, submitted by the manufacturer. The Attestation 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.

Arnhem, 11 April 2022

Number: 6129465.01AOC

DEKRA Testing and Certification (Shanghai) Ltd.

Kreny Lin
Certification Manager

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Page 1 of 2

Ratings of the test product:

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Operating temperature range: - 25°C to + 60°C

Protective class: I

Ingress protection rating: IP65

Power factor range (adjustable): 0.8 leading...0.8 lagging

ESC3000-DS:

PV input: Max. 580 Vdc, MPPT voltage range: 100-550 Vdc, max 13.5 A / 13.5 A, Isc PV: 17 A / 17 A

Battery: Type: Lithium, Voltage range: 40 V - 60 V, max continuous charge/discharge current: 60 A / 60 A

AC output / input: 230 Vac, 50 Hz, max 13.0 A, rated 3000 W

EPS: rated 230 Vac, rated 13 A, rated 3000W

ESC3680-DS:

PV input: Max. 580 Vdc, MPPT voltage range: 100-550 Vdc, max 13.5 A / 13.5 A, Isc PV: 17 A / 17 A

Battery: Type: Lithium, Voltage range: 40 V - 60 V, max continuous charge/discharge current: 60 A / 60 A

AC output / input: 230 Vac, 50 Hz, max 16.0 A, rated 3680 W

EPS: rated 230 Vac, rated 13 A, rated 3000W

ESC5000-DS:

PV input: Max. 580 Vdc, MPPT voltage range: 100-550 Vdc, max 13.5 A / 13.5 A, Isc PV: 17 A / 17 A

Battery: Type: Lithium, Voltage range: 40 V - 60 V, max continuous charge/discharge current: 60 A / 60 A

AC output / input: 230 Vac, 50 Hz, max 21.7 A, rated 4600 W

EPS: rated 230 Vac, rated 13 A, rated 3000W