



# Certificate of compliance

**Applicant:** Renac Power Technology Co., Ltd.  
Block C-12, No. 20 Datong Road, Comprehensive Bonded Zone, Suzhou Hi-Tech District,  
Suzhou,  
China

**Product:** Photovoltaic (PV) inverter

**Model:** R3-50K  
R3-40K  
R3-36K  
R3-30K

## Use in accordance with regulations:

Automatic disconnection device with three-phase mains surveillance in accordance with IEC 61727:2004 and IEC 62116:2014 for photovoltaic systems with a three-phase parallel coupling via an inverter in the public mains supply. The automatic disconnection device is an integral part of the aforementioned inverters.

## Applied rules and standards:

### IEC 61727:2004

Photovoltaic (PV) systems – Characteristics of the utility interface

### IEC 62116:2014

Test procedure of islanding prevention measures for utility-interconnected photovoltaic inverters

At the time of issue of this certificate the safety concept of an aforementioned representative product corresponds to the valid safety specifications for the specified use in accordance with regulations.

**Report number:** ABRE-ESH-P23080276-1 - IEC61727  
ABRE-ESH-P23080276-2 - IEC 62116

**Certification program:** NSOP-0032-DEU-ZE-V01

**Certificate number:** U23-0727

**Date of issue:** 2023-08-25

**Certification body**



*Certification body Bureau Veritas Consumer Products Services Germany GmbH accredited according to DIN EN ISO/IEC 17065*

*Testing laboratory accredited according to DIN EN ISO/IEC 17025*

*A partial representation of the certificate requires the written approval of Bureau Veritas Consumer Products Services Germany GmbH*