



**BUREAU
VERITAS**

Certificate of compliance

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

Product: **Photovoltaic inverter**

Model: **ESC3000-DS, ESC3680-DS, ESC5000-DS**

Use in accordance with regulations:

The inverters are tested according to grid protection, specified environmental influences and efficiency. For detailed information, please watch the corresponding test reports.

Applied rules and standards:

- IEC 61727:2004 Characteristics of the utility interface
- IEC 62116:2014 Islanding prevention measures for utility-interconnected photovoltaic inverters.
- IEC 60068-2-1:2007 Environmental testing – Part 2-1: Tests – Test A: Cold
- IEC 60068-2-2:2007 Environmental testing – Part 2-2: Tests – Test B: Dry heat
- IEC 60068-2-14:2009 Environmental testing – Part 2-14: Tests – Test N: Change of temperature
- IEC 60068-2-30:2005 Environmental testing – Part 2-30: Tests – Test Db: Damp heat, cyclic (12h + 12 h cycle)
- IEC 61683:1999 Photovoltaic systems – Power conditioners – Procedure for measuring efficiency

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-19MY1363FCSHP-1** **Certification program:** **NSOP-0032-DEU-ZE-V01**
ABRE-19MY1363FCSHP-2
ABRE-19MY1363FCSHP-3
ABRE-19MY1363FCSHP-4

Certificate number: **U19-0475** **Date of issue:** **2019-08-09**

Certification body



Holger Schaffer

Certification body Bureau Veritas Consumer Products Services Germany GmbH accredited according to DIN EN ISO/IEC 17065
A partial representation of the certificate requires the written approval of Bureau Veritas Consumer Products Services Germany GmbH