



**CERTIFICATION OF CONFORMITY**

BATTERY  
SINGLE PHASE

**Manufacturer:** Ginlong Technologies Co., Ltd.

**Address:** No.57 jintong Road,Seafront(Binhai)Industrial park,Xiangshan Demonstration Industrial Estate,Xiangshan,Ningbo,Zhejiang,315712,P.R.China

**Product:** Automatic disconnection device between a generator and the public low-voltage grid

**Model:** RHI-3K-48ES-5G; RHI-3.6K-48ES-5G; RHI-4.6K-48ES-5G; RHI-5K-48ES-5G; RHI-6K-48ES-5G

**Use in accordance with regulations:**

Automatic disconnection device with single-phase mains surveillance in accordance with EN 50438:2013, EN 50549-1: 2019 and DTIS-230206-BRL-2018 for photovoltaic systems with a single-phase parallel coupling via an inverter in the public mains supply. The automatic disconnection device is an integral part of the aforementioned inverter. This serves as a replacement for the disconnection device with isolating function that can access the distribution network provider at any time.

**Applied rules and standards:**

EN 50549-1: 2019  
EN 50438:2013

The following deviation for Ireland were applied:

Description	Value	Trigger Time
Under Voltage limit	207V	0.5s
Upper voltage limit	253V	0.5s
Under Frequency limit	47Hz	20s
Upper frequency limit	52Hz	0.5s

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

**Manufacture Stamp**

**Date and place**

Ningbo  
2021-6-18

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锦浪科技股份有限公司  
GINLONG TECHNOLOGIES CO.,LTD.