



# Certificate of Conformity

**Certificate No.:** 2088AP0603N027006  
**Product:** Grid-tied Photovoltaic Inverter  
**Brand Name:**   
**Test Model No.:** GW4K-DT, GW5K-DT, GW6K-DT, GW8K-DT, GW10KT-DT, GW12KT-DT, GW15KT-DT  
**Applicant:** JIANGSU GOODWE POWER SUPPLY TECHNOLOGY CO., LTD  
No.90 ZiJin Rd., New District, Suzhou,215011,China  
**Report No.:** PV200603N027

## Use in accordance with regulations:

Automatic disconnection device with three-phases mains surveillance in accordance with EN 50549-1:2019 for photovoltaic systems with a three-phases parallel coupling via an inverter in the public mains supply. The automatic disconnection device is an integral part of the aforementioned inverter.

## Applied rules and standards

### EN 50549-1:2019

Requirements for generating plants to be connected in parallel with distribution networks - Part 1-1: Connection to a LV distribution network - Generating plants up to and including Type B

### DIN V VDE V 0126-1-1:2006-02 (Functional safety)

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

### EN 50438:2013

Requirements for micro generating plants to be connected in parallel with public low-voltage distribution networks

The following deviations for Ireland according to EN 50438:2013 were applied:

*Under Voltage limit: 207V; Upper voltage limit: 253V, Under frequency limit: 48,0Hz, Upper frequency limit: 50,5Hz*

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.



**Name: James Huang**  
**Technical Manager/ New Energy Team**  
**Date: 2020-11-10**

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Information given in this document is related to the tested specimen of the described electrical sample.