



# Attestation of Compliance

**Certificate No.:** 2588AP060254001  
**Equipment:** Photovoltaic (PV) and battery inverter  
**Brand Name:**   
**Test Model No.:** IVGM5KLP1G1, IVGM6KLP1G1, IVGM7K6LP1G1, IVGM8KLP1G1  
**Applicant:** Guangzhou Felicity Solar Technology Co., Ltd.  
(Airport Baiyun)No.2, 4, 6, 8, 10 and 12 Donghua Huaye Road, Renhe Town, Baiyun District, Guangzhou,  
Guangdong, P. R. China  
**Report No.:** PV2506WDG0254-1

**The device is designed to work as a generation unit of the type: A and B**

Inverter for single-phase parallel connection to the public grid. The network monitoring and disconnection device is an integral part of the above-mentioned model.

**Applied rules and standards:**

**EN 50549-1:2019**

Requirements for parallel connection of installations with distribution networks - Part 1: Connection to an LV distribution network - Production of installations up to and including Type B

**EN 50549-10:2022**

Requirements for generating plants to be connected in parallel with distribution networks - Part 10: Tests for conformity assessment of generating units

**DIN VDE V 0124-100:2020 (5.5.2.1 Functional safety of network and system protection)**

Grid integration of generator plants - Low-voltage - Test requirements for generator units to be connected to and operated in parallel with low-voltage distribution networks

**Commission Regulation (EU) 2016/631 of 14 April 2016**

Establishing a network code on requirements for grid connection of generators (NC RFG).

Type approval for generation units to use in Type A and B\* plants.

4.5 Immunity to disturbances, only limited grid support mode was tested (zero current mode)for FRT function

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:** Danie Yu  
**Manager / New Energy**  
**Date:** 2026-01-10

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