



**BUREAU
VERITAS**

ATTESTATION of conformity

Certificate No.: 2688AP030118004
Product: 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

Manufacturer : 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.: PVGB2603WDG0118-2-R2

Applied rules and standards:

Engineering Recommendation G100/2-2:2022
Technical Requirements for Customers' Export and Import Limitation Schemes

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.

Dongguan/China, 2026-05-20



Name: Daniel Yu
Title: Manager

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Bureau Veritas Shenzhen Co., Ltd. Dongguan Branch.
Information given in this document is related to the tested specimen of the described electrical sample



Extract from test report according to the Engineering Recommendation G100

Nr. PVGB2603WDG0118-2-R2

Type Approval and declaration of compliance with the requirements of Engineering Recommendation G100.

PGM Technology:	Photovoltaic (PV) and Battery inverter		
Manufacturer / applicant:	Guangzhou Felicity Solar Technology Co., Ltd.		
Address:	(Airport Baiyun)No.2, 4, 6, 8, 10 and 12 Donghua Huaye Road, Renhe Town, Baiyun District, Guangzhou, Guangdong, P. R. China		
Tel	-	Fax:	-
Email:	-	Website:	-

Rated values	IVGM5KLP1G1	IVGM6KLP1G1	IVGM7K6LP1G1	IVGM8KLP1G1
Max. Input PV voltage [V].....:	500	500	500	500
MPP PV voltage range [V].....:	120-425	120-425	120-425	120-425
Max. Input PV current [A].....:	13/13	26/13	26/26	26/26
Output AC voltage [V]	230V, L/N/PE, 50Hz			
Max. Output AC current [A] ...:	23,90	28,70	36,00	38,30
Nominal Output power [kW] ..:	5,00	6,00	7,60	8,00
Max. Output power [kVA].....:	5,50	6,50	8,36	8,80

Firmware version	Hardware Version: V100; Software Version: V100
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Description of the structure of the power generation unit:

The System comprising of smart meter providing control signals that communication with the Power Converter's RS485 interface in real time, the smart meter will install at the Connection Point and sense the power (measures the current and voltage), so that it can control the net flow of electricity into the Distribution Network at the connection Point so as not to exceed the MEL/MIL.

Differences between Generating Units:

The models IVGM5KLP1G1, IVGM6KLP1G1, IVGM7K6LP1G1 and IVGM8KLP1G1 are identical in hardware and software, and the output power derated by software.

The above stated Generating Units are tested according the requirements in the Engineering Recommendation G100/2. Any modification that affects the stated tests must be named by the manufacturer/supplier of the product to ensure that the product meets all requirements of the Engineering Recommendation G100/2.