ATTESTATION
of conformity with UK regulations

BV LCIE CHINA Number:	N°2666AS07CMCC64473
Product:	Home Energy Hub
Reference:	PG-3000B, PG-3000B1, PG-3000B1-AU, PG-2400BH, PG-2400BA, PG-800B, PG-800B1
Issued to:	Power Genius GmbH
Address:	Wallbergstr. 3, 82024, Taufkirchen, Germany
Manufacturer:	Power Genius GmbH
Technical characteristics:	See below table

The submitted sample of the above equipment has been tested for the below regulation(s):

- Electrical Equipment (Safety) Regulations 2016

Standards	Report Number	Date of Issue
IEC 62109-1:2010, EN 62109-1:2010, BS EN 62109-1:2010 IEC 62109-2:2011, EN 62109-2:2011, BS EN 62109-2:2011	CMCC-ESH-P26072194-1 CMCC-ESH-P26072194-2	2026-07-31
IEC 62477-1:2022, IEC 62477-1:2022/COR1:2024 EN 62477-1:2012, EN 62477-1:2012/A11:2014, EN 62477-1:2012/A1:2017, EN 62477-1:2012/A12:2021 EN IEC 62477-1:2023 BS EN IEC 62477-1:2023	CMCC-ESH-P26072194-3	2026-07-31

The referred test report(s) show that the product complies with standard(s) recognized as giving presumption of compliance with the essential requirement covered by the regulations

This verification does not imply assessment of the production of the product
The UKCA marking may be affixed on the product if all relevant UK legislations are fulfilled

Shanghai (P.R. China), Jul 31st 2026

UKCA

LCIE CHINA COMPANY LIMITED

Robin Wu
Product Line Manager

This document shall not be reproduced, except in full, without the written approval of Bureau Veritas LCIE China Company Limited.
Information given in this document is related to the tested sample of the described product.

Bureau Veritas

Characteristics of Converter			
Model / Type	PG-3000B	PG-3000B1	PG-3000B1-AU
Battery			
Rated Capacity [Ah]	315		
Nominal voltage [Vd.c.]	6,4Vd.c.		
Max. Charge/Discharge Current [A]	157/270		
Output (On-Grid)			
Nominal AC Voltage [V]	L/N/PE, 230Va.c.,50Hz		--
Rated Output Current [A]	13,0		--
Max. Output Current [A]	13,0		--
Nominal Output Power [W]	3000		--
Rated Apparent Output Power [VA]	3000		--
PV input			
Max. PV input voltage [V]	60V	--	--
MPPT voltage range [V]	15-55	--	--
Max. Continue PV current [A]	4*20A	--	--
Exp Battery Terminal			
Max. Input/Output Current [A]	5,5Ad.c./5,5Ad.c.		
Input Voltage Range [V]	400~430Vd.c.		
Output Voltage Range [V]	360~390Vd.c.		
Note: All test in 230V/50Hz Batteries are integrated into the converter.			

Characteristics of Converter		
Model / Type	PG-2400BH	PG-2400BA
Battery		
Rated Capacity [Ah]	315	
Nominal voltage [Vd.c.]	6,4Vd.c.	
Max. Charge/Discharge Current [A]	157/270	
Output (On-Grid)		
Nominal AC Voltage [V]	L/N/PE, 230Va.c.,50Hz	
Rated Output Current [A]	10,5	
Max. Output Current [A]	10,5	
Nominal Output Power [W]	2400	
Rated Apparent Output Power [VA]	2400	
PV input		
Max. PV input voltage [V]	60V	--
MPPT voltage range [V]	15-55	--
Max. Continue PV current[A]	4*20A	--
Exp Battery Terminal		
Max. Input/Output Current [A]	5,5Ad.c./5,5Ad.c.	
Input Voltage Range [V]	400~430Vd.c.	
Output Voltage Range [V]	360~390Vd.c.	
Note: All test in 230V/50Hz Batteries are integrated into the converter.		

Characteristics of Converter		
Model / Type	PG-800B	PG-800B1
Battery		
Rated Capacity [Ah]	315	
Nominal voltage [Vd.c.]	6,4Vd.c.	
Max. Charge/Discharge Current [A]	157/270	
Output (On-Grid)		
Nominal AC Voltage [V]	L/N/PE, 230Va.c.,50Hz	
Rated Output Current [A]	3,5	
Max. Output Current [A]	3,5	
Nominal Output Power [W]	800	
Rated Apparent Output Power [VA]	800	
PV input		
Max. PV input voltage [V]	60V	--
MPPT voltage range [V]	15-55	--
Max. Continue PV current[A]	4*20A	--
Exp Battery Terminal		
Max. Input/Output Current [A]	5,5Ad.c./5,5Ad.c.	
Input Voltage Range [V]	400~430Vd.c.	
Output Voltage Range [V]	360~390Vd.c.	
Note: All test in 230V/50Hz Batteries are integrated into the converter.		