Certificate of compliance

Applicant:	**Power Genius GmbH** **Wallbergstr. 3, 82024,** **Taufkirchen,** **Germany**
Product:	**Battery inverter**
Model(s):	**PG-3000B,** **PG-3000B1,** **PG-3000B1-AU,** **PG-2400BH,** **PG-2400BA,** **PG-800B,** **PG-800B1**

The certificate refers to the stated model(s) which passed the tests according to the applicable standard(s):

Applied rules and standards:

IEC 62040-1:2017+A1:2021; EN 62040-1:2019+A11:2021; DIN EN IEC 62040-1/A11:2021-08
Uninterruptible power systems (UPS) - Part 1: Safety requirements

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.

Report number:	**CMCC-ESH-P26072193**	**Certification Program:**	**NSOP-0038-DEU-ZE-V03**
Certificate number:	**U26-0803**	**Date of issue:**	**2026-08-24**

Certification body

Domenik Koll
Head of Energy Systems Germany

Accreditation

EUROPEAN RECOGNITION
DAkkS Deutsche Akkreditierungsstelle D-ZE-12024-01-00

Accredited certification body by Deutsche Akkreditierungsstelle GmbH (DAkkS) according to ISO/IEC 17065. The accreditation is valid only for the scope listed in the annex of the accreditation certificate D-ZE-12024-01-00. The Deutsche Akkreditierungsstelle GmbH (DAkkS) is signatory of the multilateral arrangements of EA, ILAC and IAF for mutual recognition.

Without the written consent of Bureau Veritas Consumer Products Services Germany GmbH excerpts of this certificate of conformity shall not be reproduced.

Annex certificate of conformity No. U26-0803

Extract from test report CMCC-ESH-P26072193 issued by a testing laboratory accredited by "A2LA" according to ISO/IEC 17025. The accreditation is only valid for the scope listed in the annex of the accreditation certificate ""2343.01".

Type Approval and declaration of compliance with the requirements of IEC 62040-1:2017+A1:2021; EN 62040-1:2019+A11:2021; DIN EN IEC 62040-1/A11:2021-08	
Manufacturer / applicant	Power Genius GmbH Wallbergstr. 3, 82024, Taufkirchen, Germany
Product type	Battery inverter

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

Annex certificate of conformity No. U26-0803

Extract from test report CMCC-ESH-P26072193 issued by a testing laboratory accredited by "A2LA" according to ISO/IEC 17025. The accreditation is only valid for the scope listed in the annex of the accreditation certificate ""2343.01".

Model	PG-2400BH	PG-2400BA	PG-800B	PG-800B1
Battery				
Rated Capacity [Ah]	315	315	315	315
Nominal voltage [Vd.c.]	6,4	6,4	6,4	6,4
Max. Charge/Discharge Current [A]	157/270	157/270	157/270	157/270
Output (On-Grid)				
Nominal AC Voltage [V]	L/N/PE, 230Va.c.,50Hz	L/N/PE, 230Va.c.,50Hz	L/N/PE, 230Va.c.,50Hz	L/N/PE, 230Va.c.,50Hz
Rated Output Current [A]	10,5	10,5	3,5	3,5
Max. Output Current [A]	10,5	10,5	3,5	3,5
Nominal Output Power [W]	2400	2400	800	800
Rated Apparent Output Power [VA]	2400	2400	800	800
PV input				
Max. PV input voltage [V]	60	--	60	--
MPPT voltage range [V]	15-55	--	15-55	--
Max. Continue PV current [A]	4*20	--	4*20	--
Exp Battery Terminal				
Max. Input/Output Current [A]	5,5/5,5	5,5/5,5	5,5/5,5	5,5/5,5
Input Voltage Range [V]	400~430	400~430	400~430	400~430
Output Voltage Range [V]	360~390	360~390	360~390	360~390
Firmware version	YZ-E3000_INV_MB_U139_D220V_2S_A_V3.20			

Description of the structure of the power generation unit:

The power generation unit is equipped with a DC and line-side EMC filter. The power generation unit has galvanic isolation between DC input and AC output (HF transformer). Output switch-off is performed with single-fault tolerance based on the inverter bridge and two series-connected relays in each line and neutral. This enables a safe disconnection of the power generation unit from the network in case of error.