

Certificate of compliance

Applicant: BSL NEW ENERGY TECHNOLOGY CO., LTD
8F, Building D-2-3, 1F, Building D-2-3, 8F, Building D-2-2, No. 6, Xingyuan North Road, Starting
Area China-Korea Huizhou Industrial Park, Zhongkai District, Huizhou City, Guangdong
P.R. China

Product: Rack-mounted Li-ion battery

Model: B-LFP48-100E 3U

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: CNDQ-ESH-P24091033-R1

Certificate number: U26-0119

Certification Program:

Date of issue:

Certification body

NSOP-0038-DEU-ZE-V02

2026-02-03

Accreditation



Domenik Koll
Head of Energy Systems Germany



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.

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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	BSL NEW ENERGY TECHNOLOGY CO., LTD 8F, Building D-2-3,1F, Building D-2-3, 8F, Building D-2-2, No. 6, Xingyuan North Road, Starting Area China-Korea Huizhou Industrial Park, Zhongkai District, Huizhou City, Guangdong P.R. China			
Product type	Rack-mounted Li-ion battery			
Static converter model	B-LFP48-100E 3U	--	--	--
Battery Type	Li-ion	--	--	--
Nominal Voltage (Vd.c.)	51,52	--	--	--
Battery Voltage Range (Vd.c.)	46,7-57,6	--	--	--
Rated capacity (Ah/Wh)	100/5120	--	--	--
Normal Charging/Discharging Current (Ad.c)	50/100	--	--	--
Max. Charging/Discharging Current (Ad.c.)	98/120	--	--	--
Charging Temperature Range (°C)	0~55	--	--	--
Discharging Temperature Range (°C)	-20~55	--	--	--
Protection Degree	IP20	--	--	--
Protective class	I	--	--	--
Firmware version	V1.0			