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# 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  
AreaChina-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** **Certification Program:** **NSOP-0038-DEU-ZE-V02**  
**Certificate number:** **U24-0997** **Date of issue:** **2024-10-25**

**Certification body**

Domenik Koll  
Head of Energy Systems Germany

**Accreditation**



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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Annex certificate of conformity No. U24-0997

Extract from test report CNDQ-ESH-P24091033 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**

<b>Manufacturer / applicant</b>	<b>BSL NEW ENERGY TECHNOLOGY CO., LTD</b> 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 <b>P.R. China</b>			
<b>Product type</b>	<b>Rack-mounted Li-ion battery</b>			
<b>Static converter model</b>	<b>B-LFP48-100E 3U</b>	--	--	--
<b>Battery</b>				
DC voltage range [V]	46,4~57,6	--	--	--
Rated capacity (Ah/Wh)	100/5120	--	--	--
Charging Temperature Range (°C)	0~55	--	--	--
Discharging Temperature Range (°C)	-20~55	--	--	--
Protection Degree	IP20	--	--	--
Protective class	I	--	--	--
Nom. discharge current [A]	100	--	--	--
Nom. charging current [A]	50	--	--	--
Max. discharge current [A]	120	--	--	--
Max. charging current [A]	98	--	--	--
<b>Firmware version</b>	V1.0			