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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
Area China-Korea Huizhou Industrial Park, Zhongkai District, Huizhou City, Guangdong
P.R.China

Product: Series Stacking LFP Li-ion Battery System

Model(s): HVS 2
HVS 3
HVS 4
HVS 5
HVS 6
HVS 7

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-P25072336

Certificate number: U25-0799

Certification Program:

Date of issue:

Certification body

NSOP-0038-DEU-ZE-V02

2025-09-10

Accreditation



Georg LORITZ
Lab Supervisor Energy Systems



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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ZERT-0012-DEU-ZE-ES-V01/TEMP-0048-DEU-ZE-ES-V01

1/2

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	Series Stacking LFP Li-ion Battery System			
Static converter model	HVS 2	HVS 3	HVS 4	HVS 5
Battery Type	Li-ion	Li-ion	Li-ion	Li-ion
Battery Voltage Range (Vd.c.)	160.0~ 227.2	240.0~340.8	320.0~454.4	400.0~568.0
Battery Rated Voltage [V]	204,8	307,2	409,6	512,0
Rated Capacity (Ah)	52	52	52	52
Normal Charging/Discharging Current (Ad.c.)	26/26	26/26	26/26	26/26
Max. Charging/Discharging Current (Ad.c.)	48/52	48/52	48/52	48/52
Charging Temperature Range (°C)	0~50	0~50	0~50	0~50
Discharging Temperature Range (°C)	-10~55	-10~55	-10~55	-10~55
Protection Degree	I	I	I	I
Static converter model	HVS 6	HVS 7	--	--
Battery Type	Li-ion	Li-ion	--	--
Battery Voltage Range (Vd.c.)	480.0~681.6	560.0~795.2	--	--
Battery Rated Voltage	614,4	716,8	--	--
Rated Capacity (Ah)	52	52	--	--
Normal Charging/Discharging Current (Ad.c.)	26/26	26/26	--	--
Max. Charging/Discharging Current (Ad.c.)	48/52	48/52	--	--
Charging Temperature Range (°C)	0~50	0~50	--	--
Discharging Temperature Range (°C)	-10~55	-10~55	--	--
Protection Degree	I	I	--	--
Firmware version	V1.0.1			