



BUREAU
VERITAS

Certificate of compliance

Applicant: BSL NEW ENERGY TECHNOLOGY CO., LTD
6F-1 Building 1 Zhongkai Innovative Base-NO.2 Huifeng 6th Road Zhongkai
Hi-tech Zone, Huizhou City, Guangdong Province
P.R.China

Product: Series Stacking LFP Li-ion Battery System

Model: HV PACK 5, HV PACK 6, HV PACK 7, HV PACK 8, HV PACK 9,
HV PACK 10, HV PACK 11, HV PACK 12

Ratings:	HV PACK 5	HV PACK 6	HV PACK 7	HV PACK 8
Battery Type	Li-ion	Li-ion	Li-ion	Li-ion
Battery Voltage Range (Vd.c.)	256,5~319,5	307,8~383,4	359,1~447,3	410,4~511,2
Battery Rated Voltage (V)	288,0	345,6	403,2	460,8
Rated capacity (Ah)	135	135	135	135
Normal current (Ad.c)	68/68	68/68	68/68	68/68
Max. Charging/Discharging Current (Ad.c.)	120/120	120/120	120/120	120/120
Charging Temperature Range (°C)	0~50	0~50	0~50	0~50
Discharging Temperature Range (°C)	-20~50	-20~50	-20~50	-20~50
Protective class	Class I	Class I	Class I	Class I

Ratings:	HV PACK 9	HV PACK 10	HV PACK 11	HV PACK 12
Battery Type	Li-ion	Li-ion	Li-ion	Li-ion
Battery Voltage Range (Vd.c.)	461,7~575,1	513,0~639,0	564,3~702,9	615,6~766,8
Battery Rated Voltage	518,4	576,0	633,6V	691,2V
Rated capacity (Ah)	135	135	135	135
Normal current (Ad.c)	68/68	68/68	68/68	68/68
Max. Charging/Discharging Current (Ad.c.)	120/120	120/120	120/120	120/120
Charging Temperature Range (°C)	0~50	0~50	0~50	0~50
Discharging Temperature Range (°C)	-20~50	-20~50	-20~50	-20~50
Protective class	Class I	Class I	Class I	Class I

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

IEC 62040-1:2017

Uninterruptible power systems (UPS) – Part 1: Safety requirements

The safety concept of an aforementioned representative product corresponds at the time of issue of this certificate to the valid safety specifications for the specified use in accordance with the applied rules and standards.

Report number: CNDQ-ESH-P24061237 **Certification Program:** NSOP-0032-DEU-ZE-V01

Certificate number: U24-0589 **Date of issue:** 2024-07-01

Certification body

Domenik Koll

Head of Energy Systems



Certification body Bureau Veritas Consumer Products Services Germany GmbH accredited according to DIN EN ISO/IEC 17065

A partial representation of the certificate requires the written approval of Bureau Veritas Consumer Products Services Germany GmbH