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Certificate of compliance

Applicant: Shenzhen OLiPower Energy & Automation Technology Co., Ltd.
1001, Block A, Building 2, SEZ Construction Wisdom Park, No. 380 Guangming Avenue, Tangwei Community, Fenghuang Street, Guangming District, Shenzhen City, Guangdong Province
China

Product: Liquid-cooled rechargeable Li-ion energy storage system

Model(s): OLP-EB_V167_E52-01, OLP-EB_V167_E52-02,
OLP-EB_V333_E105-01, OLP-EB_V333_E105-02,
OLP-EB_V500_E157-01, OLP-EB_V500_E157-02,
OLP-EB_V666_E209-01, OLP-EB_V666_E209-02,
OLP-EB_V832_E261-01, OLP-EB_V832_E261-02,
OLP-EB_V999_E314-01, OLP-EB_V999_E314-02,
OLP-EB_V1165_E366-01, OLP-EB_V1165_E366-02,
OLP-EB_V1332_E418-01, OLP-EB_V1332_E418-02

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-P25051458

Certification Program:

NSOP-0038-DEU-ZE-V02

Certificate number: U25-0857

Date of issue:

2025-09-30

Certification body

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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Annex certificate of conformity No. U25-0857

Extract from test report CNDQ-ESH-P25051458 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	Shenzhen OLiPower Energy & Automation Technology Co., Ltd. 1001, Block A, Building 2, SEZ Constrution Wisdom Park, No. 380 Guangming Avenue, Tangwei Community, Fenghuang Street, Guangming District, Shenzhen City, Guangdong Province China			
Product type	Liquid-cooled rechargeable Li-ion energy storage system			
Static converter model	OLP-EB_V167_E52-01, OLP-EB_V167_E52-02	OLP-EB_V333_E105-01, OLP-EB_V333_E105-02	OLP-EB_V500_E157-01, OLP-EB_V500_E157-02	OLP-EB_V666_E209-01, OLP-EB_V666_E209-02
Battery Type	Li-ion	Li-ion	Li-ion	Li-ion
Battery Voltage Range (Vd.c.)	130-187.2	260-374.4	390-561.6	520-748.8
Battery Rated Voltage (Vd.c.)	166.4	332.8	499.2	665.6
Rated Capacity (Ah)	314	314	314	314
Rated Energy (kWh)	52.24	104.5	156.7	209
Normal Charging/Discharging Current (Ad.c.)	157/157	157/157	157/157	157/157
Max. Charging/Discharging Current (Ad.c.)	180/180	180/180	180/180	180/180
Charging Temperature Range (°C)	0 to 50	0 to 50	0 to 50	0 to 50
Discharging Temperature Range (°C)	-20 to 55	-20 to 55	-20 to 55	-20 to 55
Protection Degree	Class I	Class I	Class I	Class I
Auxiliary power supply parameters				
AC Input Voltage Range (V)	220-240	220-240	220-240	220-240
AC Input Frequency (Hz)	50	50	50	50
Max. Input Current (A)	8	8	8	8
Static converter model	OLP-EB_V832_E261-01, OLP-EB_V832_E261-02	OLP-EB_V999_E314-01, OLP-EB_V999_E314-02	OLP-EB_V1165_E366-01, OLP-EB_V1165_E366-02	OLP-EB_V1332_E418-01, OLP-EB_V1332_E418-02
Battery Type	Li-ion	Li-ion	Li-ion	Li-ion
Battery Voltage Range (Vd.c.)	650-936	780~1123.6	910~1310.4	1040~1497.6
Battery Rated Voltage (Vd.c.)	832	998.4	1164.8	1331.2
Rated Capacity (Ah)	314	314	314	314
Rated Energy (kWh)	261.2	313.5	365.7	418
Normal Charging/Discharging Current (Ad.c.)	157/157	157/157	157/157	157/157
Max. Charging/Discharging Current (Ad.c.)	180/180	180/180	180/180	180/180



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Charging Temperature Range (°C)	0 to 50	0 to 50	0 to 50	0 to 50
Discharging Temperature Range (°C)	-20 to 55	-20 to 55	-20 to 55	-20 to 55
Protection Degree	Class I	Class I	Class I	Class I
Auxiliary power supply parameters				
AC Input Voltage Range (V)	220-240	220-240	220-240	220-240
AC Input Frequency (Hz)	50	50	50	50
Max. Input Current (A)	8	8	8	8
Firmware version	V1.0.0			