

Certificate of compliance

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: Rack mounted LFP rechargeable Li-ion battery system

Model(s): OLP-EB-V850_E175, OLP-EB-V772_E159, OLP-EB-V695_E143,
OLP-EB-V618_E127, OLP-EB-V540_E111, OLP-EB-V463_E95,
OLP-EB-V386_E79, OLP-EB-V309_E63

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-P25041305

Certificate number: U25-0622

Certification Program:

NSOP-0038-DEU-ZE-V02

Date of issue:

2025-07-07

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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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	Rack mounted LFP rechargeable Li-ion battery system			
Static converter model	OLP-EB-V850_E175	OLP-EB-V772_E159	OLP-EB-V695_E143	OLP-EB-V618_E127
Battery Type	Li-ion	Li-ion	Li-ion	Li-ion
Battery Voltage Range (Vd.c.)	739,2-950,4	672-864	604,8-777,6	537,6-691,2
Battery Rated Voltage (Vd.c.)	850,08	772,8	695,52	618,24
Rated Capacity (Ah)	206	206	206	206
Rated Energy (kWh)	175,11	159,19	143,27	127,35
Normal Charging/Discharging Current (Ad.c.)	103/103	103/103	103/103	103/103
Max. Charging/Discharging Current (Ad.c.)	200/200	200/200	200/200	200/200
Charging Temperature Range (°C)	0 to 45	0 to 45	0 to 45	0 to 45
Discharging Temperature Range (°C)	-20 to 45	-20 to 45	-20 to 45	-20 to 45
Protection Degree	Class I	Class I	Class I	Class I
Static converter model	OLP-EB-V540_E111	OLP-EB-V463_E95	OLP-EB-V386_E79	OLP-EB-V309_E63
Battery Type	Li-ion	Li-ion	Li-ion	Li-ion
Battery Voltage Range (Vd.c.)	470,4-604,8	403,2-518,4	336-432	268,8-345,6
Battery Rated Voltage (Vd.c.)	540,96	463,68	386,4	309,12
Rated Capacity (Ah)	206	206	206	206
Rated Energy (kWh)	111,43	95,51	79,59	63,67
Normal Charging/Discharging Current (Ad.c.)	103/103	103/103	103/103	103/103
Max. Charging/Discharging Current (Ad.c.)	200/200	200/200	200/200	200/200
Charging Temperature Range (°C)	0 to 45	0 to 45	0 to 45	0 to 45
Discharging Temperature Range (°C)	-20 to 45	-20 to 45	-20 to 45	-20 to 45
Protection Degree	Class I	Class I	Class I	Class I
Firmware version	V1.0			