

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: OLP Air Cooled Integrated Energy Cabinet

Model(s): OLP-EB-V540_E111-AO01, OLP-EB-V463_E95-AO01,
OLP-EB-V386_E79-AO01, OLP-EB-V309_E63-AO01

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-P25071021
Certificate number: U25-0711

Certification Program:
Date of issue:

NSOP-0038-DEU-ZE-V02
2025-08-04

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	OLP Air Cooled Integrated Energy Cabinet			
Static converter model	OLP-EB-V540_E111-AO01	OLP-EB-V463_E95-AO01	OLP-EB-V386_E79-AO01	OLP-EB-V309_E63-AO01
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
For Cooling System Input	220-240V~, 50/60Hz, 12A	220-240V~, 50/60Hz, 12A	220-240V~, 50/60Hz, 12A	220-240V~, 50/60Hz, 12A
Firmware version	V1.0			