



**BUREAU  
VERITAS**

# 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.

Without the written consent of Bureau Veritas Consumer Products Services Germany GmbH excerpts of this certificate of conformity shall not be reproduced.



**BUREAU  
VERITAS**

**Annex certificate of conformity No. U25-0622**

**Extract from test report CNDQ-ESH-P25041305 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".**

| <b>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</b> |   |                         |                         |                         |
|--|---|-------------------------|-------------------------|-------------------------|
| <b>Manufacturer / applicant</b>  | <b>Shenzhen OLiPower Energy &amp; Automation Technology Co., Ltd.</b><br>1001, Block A, Building 2, SEZ Constrution Wisdom Park, No. 380 Guangming Avenue, Tangwei Community, Fenghuang Street, Guangming District, Shenzhen City, Guangdong Province<br><b>China</b> |                         |                         |                         |
| <b>Product type</b>  | <b>Rack mounted LFP rechargeable Li-ion battery system</b>  |                         |                         |                         |
| <b>Static converter model</b>  | <b>OLP-EB-V850_E175</b>   | <b>OLP-EB-V772_E159</b> | <b>OLP-EB-V695_E143</b> | <b>OLP-EB-V618_E127</b> |
| <b>Battery Type</b>  | Li-ion  | Li-ion                  | Li-ion                  | Li-ion                  |
| <b>Battery Voltage Range (Vd.c.)</b>   | 739,2-950,4   | 672-864                 | 604,8-777,6             | 537,6-691,2             |
| <b>Battery Rated Voltage (Vd.c.)</b>   | 850,08  | 772,8                   | 695,52                  | 618,24                  |
| <b>Rated Capacity (Ah)</b>   | 206   | 206                     | 206                     | 206                     |
| <b>Rated Energy (kWh)</b>  | 175,11  | 159,19                  | 143,27                  | 127,35                  |
| <b>Normal Charging/Discharging Current (Ad.c.)</b>   | 103/103   | 103/103                 | 103/103                 | 103/103                 |
| <b>Max. Charging/Discharging Current (Ad.c.)</b>   | 200/200   | 200/200                 | 200/200                 | 200/200                 |
| <b>Charging Temperature Range (°C)</b>   | 0 to 45   | 0 to 45                 | 0 to 45                 | 0 to 45                 |
| <b>Discharging Temperature Range (°C)</b>  | -20 to 45   | -20 to 45               | -20 to 45               | -20 to 45               |
| <b>Protection Degree</b>   | Class I   | Class I                 | Class I                 | Class I                 |
| <b>Static converter model</b>  | <b>OLP-EB-V540_E111</b>   | <b>OLP-EB-V463_E95</b>  | <b>OLP-EB-V386_E79</b>  | <b>OLP-EB-V309_E63</b>  |
| <b>Battery Type</b>  | Li-ion  | Li-ion                  | Li-ion                  | Li-ion                  |
| <b>Battery Voltage Range (Vd.c.)</b>   | 470,4-604,8   | 403,2-518,4             | 336-432                 | 268,8-345,6             |
| <b>Battery Rated Voltage (Vd.c.)</b>   | 540,96  | 463,68                  | 386,4                   | 309,12                  |
| <b>Rated Capacity (Ah)</b>   | 206   | 206                     | 206                     | 206                     |
| <b>Rated Energy (kWh)</b>  | 111,43  | 95,51                   | 79,59                   | 63,67                   |
| <b>Normal Charging/Discharging Current (Ad.c.)</b>   | 103/103   | 103/103                 | 103/103                 | 103/103                 |
| <b>Max. Charging/Discharging Current (Ad.c.)</b>   | 200/200   | 200/200                 | 200/200                 | 200/200                 |
| <b>Charging Temperature Range (°C)</b>   | 0 to 45   | 0 to 45                 | 0 to 45                 | 0 to 45                 |
| <b>Discharging Temperature Range (°C)</b>  | -20 to 45   | -20 to 45               | -20 to 45               | -20 to 45               |
| <b>Protection Degree</b>   | Class I   | Class I                 | Class I                 | Class I                 |
| <b>Firmware version</b>  | V1.0  |                         |                         |                         |