

VERIFICATION OF COMPLIANCE

No.: LVD CQES2407000663BA

Applicant: Soluna(shanghai) Co., Ltd.
2nd Floor, No.979, Yunhan Road, Lingang New Area, China
(Shanghai) Pilot Free Trade Zone, Pudong New District, Shanghai, China

Manufacturer: Soluna(shanghai) Co., Ltd.
2nd Floor, No.979, Yunhan Road, Lingang New Area, China
(Shanghai) Pilot Free Trade Zone, Pudong New District, Shanghai, China

Product Name: Battery Energy Storage System

Product Description: --

Model No.: Power Cell X 2404, Power Cell X 2405, Power Cell X 2406,
Power Cell X 2407, Power Cell X 2408, Power Cell X 2409

Trade Mark: **S O L U N A**

Rating: See Page 2

Protection against Electric Shock: Class I

Degree of Protection: IP55

Additional Information: --

Sufficient samples of the product have been tested and found to be in conformity with
Test Standard: EN 62477-1:2012 + A11:2014 + A1:2017 + A12:2021

Test Report Number(s): CQES240700066301

This Verification of Compliance has been granted to the applicant based on the results of tests, performed by Laboratory of SGS-CEC New Energy Technology (Chongqing) Co., Ltd. on sample of the above-mentioned product in accordance with the provisions of the relevant harmonized standards under the Low Voltage Directive 2014/35/EU. The CE marking can be affixed, under the responsibility of the manufacturer, after completion of an EC Declaration of Conformity and compliance with all relevant EC Directives. The affixing of the CE marking presumes in addition that the conditions in annexes III and IV of the Directive are fulfilled.



Ruby Yan

Technical Manager

2024-11-18

SGS-CEC New Energy Technology (Chongqing) Co., Ltd.

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SGS-CEC New Energy Technology (Chongqing) Co., Ltd.
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Jiangjin District, Chongqing, 402260 CHINA
www.sgs.com.cn
Member of the SGS Group (SGS SA)

No.:

LVD CQES2407000663BA

Rating:

Product description:	Battery Energy Storage System					
Model of Battery Pack:	Power Cell X 2404	Power Cell X 2405	Power Cell X 2406	Power Cell X 2407	Power Cell X 2408	Power Cell X 2409
Number of battery packs:	4	5	6	7	8	9
Nominal voltage of Battery Pack:	307,2 V	384 V	473,6 V	537,6 V	614,4 V	691,2 V
Max. charging voltage of Battery Pack:	336 V	420 V	518 V	588 V	672 V	756 V
End of discharge voltage of Battery Pack:	268,8 V	336 V	414,4 V	470,4 V	537,6 V	604,8 V
IP rating of enclosure	IP 55					
Protective class	Class I					
Rated capacity of Battery Pack:	100 Ah					
Rated charge/discharge current of Battery Pack:	50 A/50 A					
Maximum charge/discharge current of Battery Pack:	100 A/100 A					
Charging temperature range of Battery Pack:	0~50 °C					
Discharge temperature range of Battery Pack:	-20~50 °C					

COMPLIANCE



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