

## VERIFICATION OF COMPLIANCE

No.: LVD CQES2501000030BA

Applicant: Huawei Digital Power Technologies Co., Ltd.  
Office 01, 39th Floor, Block A, Antuoshan Headquarters Towers, 33 Antuoshan 6th Road, Futian District, Shenzhen, 518043, China

Manufacturer: Huawei Digital Power Technologies Co., Ltd.  
Office 01, 39th Floor, Block A, Antuoshan Headquarters Towers, 33 Antuoshan 6th Road, Futian District, Shenzhen, 518043, China

Product Name: Smart String ESS

Product Description: --

Model No.: LUNA2000-215-2S10, LUNA2000-215-2S12,  
FusionCharge AES -215-2S10, FusionCharge AES -215-2S12  
LUNA2000-215-2S11, LUNA2000-161-2S11, LUNA2000-107-1S11

Trade Mark: HUAWEI

Rating: See page 2-3

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 IEC 62040-1:2019 + A11:2021

Test Report Number(s): CQES250100003001

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

2025-01-26

This document is issued by the Company under its General Conditions of Service accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS-CEC New Energy Technology (Chongqing) Co., Ltd.  
Building 13 & 14, No. 1839, Ranjun Road, Shuangfu Street,  
Jiangjin District, Chongqing, 402260 CHINA  
[www.sgs.com](http://www.sgs.com)  
Member of the SGS Group (SGS SA)

No.:

LVD CQES2501000030BA

Rating:

Model Number	LUNA2000-215-2S10 FusionCharge AES -215-2S10	LUNA2000-215-2S12 FusionCharge AES -215-2S12
<b>Battery input/output terminal parameters:</b>		
Battery module	LUNA2000-54-2E1	LUNA2000-54-2E1
Battery module number	4	4
Battery type	LFP	LFP
Rated capacity[Ah]	280	280
Rated energy capacity [kWh]	215	215
Rated voltage [Vd.c.]	768	768
Battery voltage range [Vd.c.]	648~864	648~864
Maximum charging power [kW]	129.6	129.6
Maximum continuous charging current [Ad.c.]	212.7	212.7
Maximum discharging power [kW]	140	140
Maximum continuous discharging current [Ad.c.]	212.7	212.7
<b>AC input/output terminal parameters:</b>		
Rated voltage [Va.c.]	400 Vac	
Rated current [Aa.c.]	155.9	155.9
Rated power [kW]	108	108
Rated frequency [Hz]	50/60	
Max. current [Aa.c.]	212.7	212.7
Power factor	1 default (+/- 0.8 adjustable)	
Ambient temperature	-30 °C ~ 55 °C	

COMPLIANCE



Ruby Yan

Technical Manager

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

2025-01-26

This document is issued by the Company under its General Conditions of Service accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

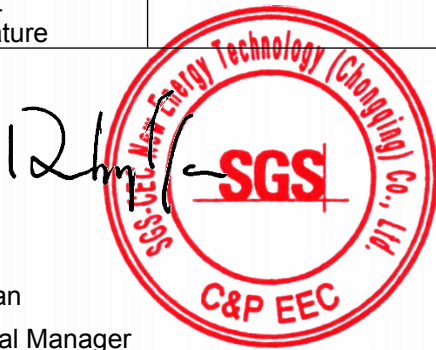
SGS-CEC New Energy Technology (Chongqing) Co., Ltd.  
Building 13 & 14, No. 1839, Ranjun Road, Shuangfu Street,  
Jiangjin District, Chongqing, 402260 CHINA  
[www.sgs.com](http://www.sgs.com)  
Member of the SGS Group (SGS SA)

No.:

LVD CQES2501000030BA

Rating:

Model Number	LUNA2000-161-2S11	LUNA2000-107-1S11	<b>LUNA2000-215-2S11</b>
<b>Battery input/output terminal parameters:</b>			
Battery module	LUNA2000-54-1E1		LUNA2000-54-2E1
Battery module number	3	2	4
Battery type	LFP		
Rated capacity[Ah]	280	280	280
Rated energy capacity [kWh]	162.0	107.0	215
Rated voltage [Vd.c.]	576	384	768
Battery voltage range [Vd.c.]	486~648	324~432	648~864
Maximum charging power [kW]	129.6	108.0	129.6
Maximum continuous charging current [Ad.c.]	280	280	212.7
Maximum discharging power [kW]	140	140	140
Maximum continuous discharging current [Ad.c.]	280	280	212.7
<b>AC input/output terminal parameters:</b>			
Rated voltage [Va.c.]	400 Vac/440Vac/480Vac		
Rated current [Aa.c.]	155.9 / 140.8 / 130.0		
Rated power [kW]	108	108	108
Rated frequency [Hz]	50/60		
Max. current [Aa.c.]	212.7	212.7	212.7
Power factor	1 default (+/- 0.8 adjustable)		
Ambient temperature	-30 °C ~ 55 °C		



Ruby Yan

Technical Manager

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

2025-01-26

This document is issued by the Company under its General Conditions of Service accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

**SGS-CEC New Energy Technology (Chongqing) Co., Ltd.**  
 Building 13 & 14, No. 1839, Ranjun Road, Shuangfu Street,  
 Jiangjin District, Chongqing, 402260 CHINA  
[www.sgs.com.cn](http://www.sgs.com.cn)  
 Member of the SGS Group (SGS SA)