

## VERIFICATION OF COMPLIANCE

No.:	LVD GZES2511021893PV
Applicant:	Huawei Digital Power Technologies Co., Ltd. Office 01, 39th Floor, Block A, Antuoshan Headquarters Towers, 33 Antuoshan 6th Road, Futian District, Shenzhen, 518043, P.R.C.
Manufacturer:	Huawei Digital Power Technologies Co., Ltd. Office 01, 39th Floor, Block A, Antuoshan Headquarters Towers, 33 Antuoshan 6th Road, Futian District, Shenzhen, 518043, P.R.C.
Product Name:	Smart String ESS
Product Description:	Smart String ESS used in battery system
Model No.:	LUNA2000-215-2S10, LUNA2000-215-2S12, LUNA2000-215-2s10, FusionCharge AES-215-2S10, FusionCharge AES-215-2S12, LUNA2000-215-2S11, LUNA2000-161-2S11, LUNA2000-107-1S11, LUNA2000-241-2S1, LUNA2000-241-2S1-CN
Trade Mark:	HUAWEI
Rating:	See page 2-4
Protection against Electric Shock:	Class I
Degree of Protection:	IP55
Additional Information:	Software version: LUNA2000B V200R024C00SPC100B005 Hardware version: VA
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 EN IEC 62040-1:2019 + A11:2021
as shown in the	GZES251102189301
Test Report Number(s):	GZES251102189302

This Verification of Compliance has been granted to the applicant based on the results of tests, performed by Laboratory of SGS-CSTC Standards Technical Services 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.

  
David Guo

Technical Manager

SGS-CSTC Standards Technical Services Co., Ltd.

2026-01-09

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No.: LVD GZES2511021893PV

Other information added:

Rating:

Model Number	LUNA2000-215-2S10 FusionCharge AES -215-2S10	LUNA2000-215-2s10	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.]	183.0		183.0
Maximum discharging power [kW]	140		140
Maximum continuous discharging current [Ad.c.]	183.0		183.0
<b>AC input/output terminal parameters:</b>			
Rated power [kW]	108	107.5	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		
Ingress protection	IP55		
Protective class	Class I		

  
 David Guo  
 Technical Manager



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Other information added:

Rating:

Model Number	LUNA2000-161-2S11	LUNA2000-107-1S11	LUNA2000-215-2S11
<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 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		
Ingress protection	IP55		
Protective class	Class I		



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 Technical Manager



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Other information added:

Rating:

Model Number	LUNA2000-241-2S1	LUNA2000-241-2S1-CN
<b>Battery input/output terminal parameters:</b>		
Battery module	LUNA2000-60-2E1	
Battery module number	4	
Battery type	LFP	
Rated capacity[Ah]	314	
Rated energy capacity [kWh]	241	
Rated voltage [Vd.c.]	768	
Battery voltage range [Vd.c.]	648~864	
Maximum charging power [kW]	129.6	
Maximum continuous charging current [Ad.c.]	183	
Maximum discharging power [kW]	129.6	
Maximum continuous discharging current [Ad.c.]	183	
<b>AC input/output terminal parameters:</b>		
Rated power [kW]	108	
Rated frequency [Hz]	50/60	
Max. current [Aa.c.]	212.7	
Power factor	1 default (+/- 0.8 adjustable)	
Ambient temperature	-30 °C ~ 55 °C	
Ingress protection	IP55	
Protective class	Class I	



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