



Ref. Certif. No.

**SG SGS-00607**

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

**CB TEST CERTIFICATE**

Product	Smart String ESS
Name and address of the 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
Name and address of the 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
Name and address of the factory <i>Note: When more than one factory, please report on page 2</i>	Shenzhen Huahao Mechanical & Electrical Co., Ltd. Dongguan Branch Company Second Floor, No. 738 Meijing Middle Road, Changtang Community, Dalang Town, Dongguan, 523779 Guangdong, China
Ratings and principal characteristics	See page 2
Trademark / Brand (if any)	HUAWEI
Customer's Testing Facility (CTF) Stage used	-
Model / Type Ref.	LUNA2000-215-2S10, LUNA2000-215-2S12, FusionCharge AES -215-2S10, FusionCharge AES -215-2S12, LUNA2000-215-2S11, LUNA2000-161-2S11, LUNA2000-107-1S11
Additional information (if necessary may also be reported on page 2)	- National Differences: AU
A sample of the product was tested and found to be in conformity with	IEC 62040-1:2017, IEC 62040-1:2017/AMD1:2021, IEC 62040-1:2017/AMD2:2022
As shown in the Test Report Ref. No. which forms part of this Certificate	CQES250100003001

This CB Test Certificate is issued by the National Certification Body

SGS Testing & Control Services Singapore Pte Ltd  
30 Boon Lay Way  
#03-01 Singapore 609957

Date: 26/01/2025

Signature:

Jerry Xiao  
Certifier

**Ratings and principal characteristics**

Model Number	LUNA2000-215-2S10, FusionCharge AES -215-2S10	LUNA2000-215-2S12, FusionCharge AES -215-2S12	LUNA2000-161-2S11	LUNA2000-107-1S11	LUNA2000-215-2S11
Battery input/output terminal parameters:					
Battery module	LUNA2000-54-2E1	LUNA2000-54-2E1	LUNA2000-54-1E1		LUNA2000-54-2E1
Battery module number	4	4	3	2	4
Battery type	LFP				
Rated capacity[Ah]	280				
Rated energy capacity [kWh]	215	215	162	107	215
Rated voltage [Vd.c.]	768	768	576	384	768
Battery voltage range [Vd.c.]	648~864	648~864	486~648	324~432	648~864
Maximum charging power [kW]	129.6	129.6	129.6	108	129.6
Maximum continuous charging current [Ad.c.]	212.7	212.7	280	280	212.7
Maximum discharging power [kW]	140				
Maximum continuous discharging current [Ad.c.]	212.7	212.7	280	280	212.7
AC input/output terminal parameters:					
Rated voltage [Va.c.]	400 Vac		400 Vac/440Vac/480Vac		
Rated current [Aa.c.]	155.9	155.9	155.9 / 140.8 / 130.0		
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				




Date: 26/01/2025

Signature:

 Jerry Xiao  
 Certifier