



Ref. Certif. No.

SG PSB-IT-00263

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

CB TEST CERTIFICATE

Product	Energy Storage System (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 518043 Shenzhen PEOPLE'S REPUBLIC OF 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, 518043 Shenzhen, PEOPLE'S REPUBLIC OF CHINA
Name and address of the factory	Dongguan Yangtian Electron Technologies Co., Ltd. No.152, Luyuan RD, Science City, Tangxia Town, 523718 Dongguan City, Guangdong Province, PEOPLE'S REPUBLIC OF CHINA
Ratings and principal characteristics	See page 2
Model/type Ref.	LUNA2000-200KWH-2H1
A sample of the product was tested and found to be in conformity with	IEC 62477-1:2012 IEC 62477-1:2012/AMD1:2016
as shown in the Test Report Ref. No. which forms part of this certificate	085-223139001-000

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This CB Test Certificate is issued by the National Certification Body

CBS 114387 0075 Rev. 00

Date, 2023-02-24

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Trademark / Brand (Image)



Ratings and principal characteristics

Model:	LUNA2000-200KWH-2H1	
Internal battery system		
Battery Module	ESM51320AS1	ESM-57280AS1
Battery Type	LFP	
Rated Voltage	665 Vd.c.	720Vd.c.
Battery Voltage Range	340~700 Vd.c.	388~788 Vd.c.
Rated Energy Capacity	193.5 kWh	
Max. Charging Current	170 Ad.c.	140 Ad.c.
Max. Discharging Current	170 Ad.c.	145 Ad.c.
Energy Storage System PCS grid input/output		
Rated AC Voltage	380/400/440 Va.c., 3W+PE	
Rated AC Current	131.2Aa.c. @440Va.c.	
	144.3Aa.c. @400Va.c.	
	151.9Aa.c. @380Va.c.	
Max. Output Current (1min)	173.2 Aa.c.	
Rated Frequency	50/60Hz	
Rated Active Power	100kW	
Auxiliary Supply		
Rated Voltage	200~240 Va.c.	
Max. Input Power	4.2kW	
Rated Frequency	50/60 Hz	
Overvoltage Category	II	
General		
Protection Class	I	
Operating Temperature Range	-30°C ~ 55 °C	
Enclosure	IP55 (Battery Pack Cabinet)	
	IP66 (DC/DC converter and PCS)	

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