Ref. Certif. No.

SG PSB-IT-00181

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

CB TEST CERTIFICATE

Product	Energy Storage System
Name and address of the applicant	Huawei Technologies Co., Ltd. Administration Building Headquarters of Huawei Technologies Co., Ltd. Bantian, Longgang District 518129 Shenzhen PEOPLE'S REPUBLIC OF CHINA
Name and address of the manufacturer	Huawei Technologies Co., Ltd. Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District, 518129 Shenzhen, PEOPLE'S REPUBLIC OF CHINA
Name and address of the factory	Huazhi Machine Co., Ltd. Zone A, Yingzhan Ind. Area, Kengzi Community, Pingshan New District, 518000 Shenzhen, Guangdong, PEOPLE'S REPUBLIC OF CHINA
Ratings and principal characteristics	Bidirectional DC/DC Unit: LUNA2000-5KW-C0 BAT terminal parameters (connected to PV inverter) Maximum voltage [Vd.c.]: 1100 Rated voltage [Vd.c.]: 450 / 600 DC operating voltage range [Vd.c.]: 350 - 980 Maximum charging / discharging current [Ad.c.]: 15 Maximum charging / discharging power [kW]: 5
Trade mark (if any)	See page 2
Model/type Ref.	Bidirectional DC/DC Unit: LUNA2000-5KW-C0 Rechargeable Lithium ion Battery: LUNA2000-5-E0
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	085-203034801-000

This CB Test Certificate is issued by the National Certification Body

CBS 041829 4372 Rev. 00

Date, 2020-11-16

(Billy Qiu)

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

Trade mark (Image)

Name and address of the factory (continued)

Huizhou Desay Battery Co., Ltd.
No.18, Jin Zhong Road, Huicheng District, 516000 Huizhou, Guangdong, PEOPLE'S REPUBLIC OF CHINA

Ratings and principal characteristics (continued)

Bidirectional DC/DC Unit:	LUNA2000-5KW-C0		
B terminal parameters (connected to battery):			
Battery type	LiFePO4		
Battery number	1	2	3
Battery usable energy [kWh]	5	10	15
Rated voltage [Vd.c.]	385	385	385
Battery voltage range [Vd.c.]	350 - 435	350 - 435	350 - 435
Maximum charging / discharging current [Ad.c.]	7.5	15	15
Maximum charging / discharging power [kW]	2.5	5	5
Peak output power [kW]	3.5 (10s)	7 (10s)	7 (10s)
General:			
Operating temperature range [°C]	-25 to +55		
Protection class	I		
Ingress protection	IP66		

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

Rechargeable Lithium ion Battery	LUNA2000-5-E0
Battery type	LiFePO4
Rated capacity [Ah]	100
Rated energy capacity [kWh]	5
Maximum charging / discharging current [Ad.c.]	7.5
Maximum charging / discharging power [kW]	2.5
Peak charging / discharging Power [kW]	3.5 (10s)
Nominal voltage [Vd.c.]	385
Operating voltage range [Vd.c.]	350 - 435
Operating temperature range [°C]	-10 to +55
Protection class	I
Ingress protection	IP 66

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