


VERIFICATION OF COMPLIANCE

No.:	LVD CQES2402000092BA
Applicant:	Jiangsu Hanchu Energy Technology Co., Ltd. No. 9, Huicheng Road, Huishan District, Wuxi City, Jiangsu, China
Manufacturer:	Jiangsu Hanchu Energy Technology Co., Ltd. No. 9, Huicheng Road, Huishan District, Wuxi City, Jiangsu, China
Product Name:	Energy Storage Battery System
Product Description:	--
Model No.:	HOME-ESS-HV-5.4K, HOME-ESS-HV-8.1K, HOME-ESS-HV-10.8K, HOME-ESS-HV-13.5K, HOME-ESS-HV-16.2K, HOME-ESS-HV-18.9K, HOME-ESS-HV-21.6K, HOME-ESS-HV-24.3K, HOME-ESS-HV-27.0K, HOME-ESS-HV-29.7K, HOME-ESS-HV-32.4K
Trade Mark:	
Rating:	See Page 2
Protection against Electric Shock:	Class I
Degree of Protection:	IP65
Additional Information:	--
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
as shown in the	
Test Report Number(s):	CQES240200009201

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.

2024-05-07

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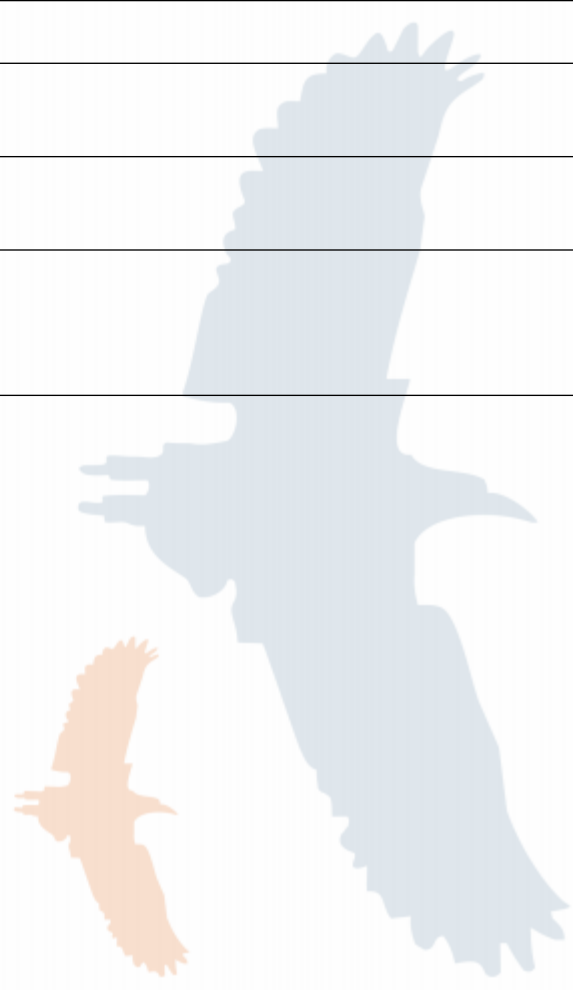
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SGS-CEC New Energy Technology (Chongqing) Co., Ltd.
Building 13 & 14, No. 1839, Ranjun Road, Shuangfu Street,
Jiangjin District, Chongqing, 402260 CHINA
www.sgs.com
Member of the SGS Group (SGS SA)

Rating:

Model	HOM E-ESS-HV-5.4K	HOM E-ESS-HV-8.1K	HOM E-ESS-HV-10.8K	HOM E-ESS-HV-13.5K	HOM E-ESS-HV-16.2K	HOM E-ESS-HV-18.9K	HOM E-ESS-HV-21.6K	HOM E-ESS-HV-24.3K	HOM E-ESS-HV-27.0K	HOM E-ESS-HV-29.7K	HOM E-ESS-HV-32.4K
Rated Voltage, V	102,4	153,6	204,8	256,0	307,2	358,4	409,6	460,8	512,0	563,2	614,4
Operating Voltage Range, V	89,6 to 115,2	134,4 to 172,8	179,2 to 230,4	224,0 to 288,0	268,8 to 345,6	313,6 to 403,2	358,4 to 460,8	403,2 to 518,4	448,0 to 576,0	492,8 to 633,6	537,6 to 691,2
Rated Capacity, Ah	54										
Max, Charge/Discharge Current, A	50										
Charging Temperature Range, °C	-5 to 40										
Discharging Temperature Range, °C	-20 to 40										

COMPLIANCE



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