

VERIFICATION OF COMPLIANCE

No.: LVD CQES2504000416BA

Applicant: Zhejiang Hyxi Technology Co., Ltd.
Room 216, Block A, Building 1, No. 57 Jiang'er Road, Changhe Street, Binjiang District, Hangzhou, Zhejiang, China

Manufacturer: Zhejiang LeapEnergy Technology Co., Ltd.
Room 220-116, Comprehensive Office Building, 222 Luyin Road, Qianjin Street, Qiantang District, Hangzhou, Zhejiang, China

Product Name: Rechargeable Lithium-ion Battery Pack

Product Description: Rechargeable Li-ion Battery Distribution Parallel Unit

Model No.: HYX-E300-H2, HYX-E400-H2, HYX-E500-H2

Trade Mark: 

Rating: See page 2

Protection against Electric Shock: Class I

Degree of Protection: IP65

Sufficient samples of the product have been tested and found to be in conformity with

Test Standard: EN IEC 62040-1: 2019 + A11: 2021

Test Report Number(s): CQES250400041601

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.

2025-08-21

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SGS-CEC New Energy Technology (Chongqing) Co., Ltd.
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www.sgsgroup.com.cn
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Model	HYX-E300-H2	HYX-E400-H2	HYX-E500-H2
Number of battery packs:	6	8	10
Designation of Battery System:	IFpP29/149/120(((32S)3S)2P]M/-10+50/95	IFpP29/149/120(((32S)4S)2P]M/-10+50/95	IFpP29/149/120(((32S)5S)2P]M/-10+50/95
Rated Voltage, V	307,2	409,6	512,0
Max. charging voltage of Battery System, V	345,6	460,8	576,0
End of discharge voltage of Battery System, V	259,2	345,6	432,0
Rated Capacity, kWh	31,8	42,4	53
Weight (Kg)	298	386	474
Main cluster Dimensions (W*H*D)	700*1370*200	700*1720*200	700*2070*200
Deputy cluster Dimensions (W*H*D)	700*1300*200	700*1650*200	700*2000*200
Rated Capacity, Ah	104		
Max. charging current, A	64		
Max. discharging current, A	64		
Charging Temperature range, °C	-10 to 50 (At -10~45 °C, the battery system can charge at its maximum current. When the temperature exceeds 45 °C, the current gradually decreases. When it reaches 50 °C, the Max. current can be continuously charged at 10A)		
Discharging Temperature range, °C	-10 to 50 (At -10~45 °C, the battery system can discharge at its maximum current. When the temperature exceeds 45 °C, the current gradually decreases. When it reaches 50 °C, the Max. current can be continuously discharged at 10A)		

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