Ref. Certif. No.

SG SGS-00754

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

CB TEST CERTIFICATE

Product	Rechargeable Lithium-ion Battery Pack
Name and address of the applicant	Zhejiang Hyxi Technology Co., Ltd. Room 216, Block A, Building 1, No. 57 Jiang'er Road, Changhe Street, Binjiang District, Hangzhou, Zhejiang, China
Name and address of the manufacturer	Zhejiang LeapEnergy Technology Co., Ltd. Room 220-116, Comprehensive Office Building, 222 Luyin Road, Qianjin Street, Qiantang District, Hangzhou, Zhejiang, China
Name and address of the factory Note: *When more than one factory, please report on page 2*	Zhejiang LeapEnergy Technology Co., Ltd. 888 Xinrong Road, Sumeng Town, Wucheng District, Jinhua, Zhejiang, China
Ratings and principal characteristics	See page 2
Trademark / Brand (if any)	HYXiPOWER
Customer's Testing Facility (CTF) Stage used	-
Model / Type Ref.	HYX-E300-H2, HYX-E400-H2, HYX-E500-H2
Additional information (if necessary may also be reported on page 2)	Product Name: Rechargeable Li-ion Battery Distribution Parallel Unit 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	CQES250400041601

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: 22/08/2025

Signature:

Jerry Xiao
Certifier

Ratings and principal characteristics

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 maximum 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 maximum current can be continuously discharged at 10A)		

Date: 22/08/2025

Signature:

Jerry Xiao
Certifier