



Ref. Certif. No.

**SG SGS-00659****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

Ningbo AUX Solar Technology Co., Ltd.  
No. 17 Fenglin Road, Cicheng Town, Jiangbei District, Ningbo, Zhejiang,  
China

Name and address of the manufacturer

Ningbo AUX Solar Technology Co., Ltd.  
No. 17 Fenglin Road, Cicheng Town, Jiangbei District, Ningbo, 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)

Customer's Testing Facility (CTF) Stage used

-

Model / Type Ref.

ABL-T30H-2B, ABL-T40H-2B, ABL-T50H-2B

Additional information (if necessary may also be  
reported on page 2)

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National Differences:  
AUA sample of the product was tested and found  
to be in conformity withIEC 62040-1:2017, IEC 62040-1:2017/AMD1:2021,  
IEC 62040-1:2017/AMD2:2022As shown in the Test Report Ref. No. which  
forms part of this Certificate

CQES241100111701

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

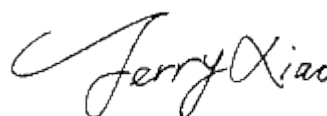
Date: 14/04/2025

Signature:

Jerry Xiao  
Certifier

**Ratings and principal characteristics**

Model	ABL-T30H-2B	ABL-T40H-2B	ABL-T50H-2B
Number of battery packs:	6	8	10
Designation of Battery System:	IFpP29/149/120(((32S)3S) 2PJM/-10+50/95	IFpP29/149/120(((32S)4S) 2PJM/-10+50/95	IFpP29/149/120(((32S)5S) 2PJM/-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 (Width*height* depth)	700*1400*200	700*1750*200	700*2100*200
Main cluster Dimensions (Width*height* depth with main BDU1)	700*1370*200	700*1720*200	700*2070*200
Deputy cluster Dimensions (W*D*H)	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 temp. 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 temp. exceeds 45 °C, the current gradually decreases. When it reaches 50 °C, the Max. current can be continuously discharged at 10A)		

Date: 14/04/2025

Signature:

Jerry Xiao  
Certifier