



Ref. Certif. No.

SG SGS-00809**IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME****CB TEST CERTIFICATE**

Product

Lithium-ion Rechargeable Battery System

Name and address of the applicant

NINGBO DEYE ESS TECHNOLOGY CO., LTD
No. 568, South Rixian Road, Binhai Economic Development Zone, Cixi,
Ningbo, Zhejiang, China

Name and address of the manufacturer

NINGBO DEYE ESS TECHNOLOGY CO., LTD
No. 568, South Rixian Road, Binhai Economic Development Zone, Cixi,
Ningbo, Zhejiang, China

Name and address of the factory

Note: When more than one factory, please report on page 2

NINGBO DEYE ESS TECHNOLOGY CO., LTD
No. 568, South Rixian Road, Binhai Economic Development Zone, Cixi,
Ningbo, Zhejiang, China

Ratings and principal characteristics

See page 2

Trademark / Brand (if any)

Customer's Testing Facility (CTF) Stage used

-

Model / Type Ref.

BOS-BX (X=70, 85, 100, 110, 125, 140, 155, 170, 185, 200, 215)

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

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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

CQES250800096501

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: 04/11/2025

Signature:

Ruby Yan
Certifier

Ratings and principal characteristics

Battery System:

Rated voltage and energy:

BOS-B70: 256.0 Vd.c., 71.5 kWh;

BOS-B85: 307.2 Vd.c., 85.8 kWh;

BOS-B100: 358.4 Vd.c., 100.1 kWh;

BOS-B110: 409.6 Vd.c., 114.4 kWh;

BOS-B125: 460.8 Vd.c., 128.7 kWh;

BOS-B140: 512.0 Vd.c., 143.0 kWh;

BOS-B155: 563.2 Vd.c., 157.3 kWh;

BOS-B170: 614.4 Vd.c., 171.6 kWh;

BOS-B185: 665.6 Vd.c., 185.9 kWh;

BOS-B200: 716.8 Vd.c., 200.2 kWh;

BOS-B215: 768.0 Vd.c., 214.5 kWh;

Rated capacity: 280 Ah;

Battery Module:

51.2 V d.c., 280 Ah;

Battery System Operating voltage range: 208-876 Vdc;

Max. charging current: 168 A;

Max. discharging current: 168 A;

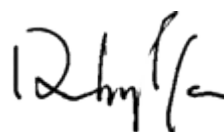
Charging Temperature range: 0°C – 55°C;

Discharging Temperature range: -20°C – 55°C; Class I



Date: 04/11/2025

Signature:

Ruby Yan
Certifier