



Ref. Certif. No.

SG SGS-00879

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)

Deye

Customer's Testing Facility (CTF) Stage used

-

Model / Type Ref.

BOS-BX Pro-A3 (X=80, 96, 112, 128, 144, 160, 176, 192, 208, 224, 240,
256)

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

CQES251000113801

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: 05/01/2026

Signature:

Ruby Yan
Certifier

Ratings and principal characteristics

Battery System:**Rated voltage and energy:**

BOS-B80 Pro-A3: 256,0 Vd.c., 80,3 kWh;

BOS-B96 Pro-A3: 307,2 Vd.c., 96,4 kWh;

BOS-B112 Pro-A3: 358,4 Vd.c., 112,5 kWh;

BOS-B128 Pro-A3: 409,6 Vd.c., 128,6 kWh;

BOS-B144 Pro-A3: 460,8 Vd.c., 144,6 kWh;

BOS-B160 Pro-A3: 512,0 Vd.c., 160,7 kWh;

BOS-B176 Pro-A3: 563,2 Vd.c., 176,8 kWh;

BOS-B192 Pro-A3: 614,4 Vd.c., 192,9 kWh;

BOS-B208 Pro-A3: 665,6 Vd.c., 208,9 kWh;

BOS-B224 Pro-A3: 716,8 Vd.c., 225,0 kWh;

BOS-B240 Pro-A3: 768,0 Vd.c., 241,1 kWh;

BOS-B256 Pro-A3: 819,2 Vd.c., 257,2 kWh;

Rated capacity:

314 Ah

Battery Module:

51,2 V d.c., 314 Ah

Battery System Operating voltage range: 208-934.4Vdc

Max. charging current: 180 A

Max. discharging current: 180 A

Charging Temperature range: 0°C – 55°C

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

Date: 05/01/2026

Signature:

Ruby Yan
Certifier