

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

CB TEST CERTIFICATE

Product

Rechargeable Li-ion Battery System

Name and address of the applicant

EcoFlow Inc.
Room 401, Plant #1, Runheng Industrial Zone,
Fuyuanyi Road, Zhancheng Community, Fuhai Street,
Bao'an, Shenzhen, Guangdong, China

Name and address of the manufacturer

EcoFlow Inc.
Room 401, Plant #1, Runheng Industrial Zone,
Fuyuanyi Road, Zhancheng Community, Fuhai Street,
Bao'an, Shenzhen, Guangdong, China

Name and address of the factory

Shenzhen BYD Electronics Co., Ltd.
Room 301 of BYD A-4 Building, No. 1 Yan'an Road,
Kuichong Street, Dapeng New District, Shenzhen,
518119, Guangdong, China*Note: When more than one factory, please report on page 2*

Ratings and principal characteristics

 Additional Information on page 2
See page 2-3

Trademark / Brand (if any)



Customer's Testing Facility (CTF) Stage used

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Model / Type Ref.

EF BD-5-S2, EF BD-10-S2, EF BD-15-S2, EF BD-20-S2,
EF BD-25-S2, EF BD-30-S2

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

See page 2

A sample of the product was tested and found to be in conformity with

 Additional Information on page 2

IEC 62619:2022

National Differences:

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As shown in the Test Report Ref. No. which forms part of this Certificate

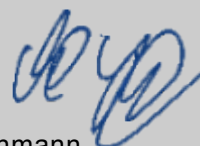
SZES251000856001

This CB Test Certificate is issued by the National Certification Body

SGS Fimko Ltd
Takomotie 8
FI-00380 Helsinki, Finland

Date: 2026-01-20

Signature:

Mark Lohmann
Certification Manager

Additional information:

Product name of battery system: EcoFlow Ocean 2 LFP Battery 5kWh,
Model of EcoFlow PowerOcean Battery Junction Box: EF BD-JC-S1
Model of EcoFlow PowerOcean Plus Battery Junction Box: EF BD-JC-S2, EF BD-JC-S3

Ratings and principal characteristics:

Battery Module: 16 Vd.c., 314 Ah
Electrical rating of Battery System:
EF BD-5-S2: 16 Vd.c., 314 Ah, 5,02 kWh
For three phase: Nominal Voltage: 800 Vd.c.
Input: 720-960 Vd.c., 3,3A, 2,5kW MAX
Output: 720-960 Vd.c., 4,5A, 3,4kW MAX
For single phase: Nominal Voltage: 400 Vd.c.
Input: 360-520Vd.c., 6,6A, 2,5KW MAX
Output: 360-520Vd.c., 9,0A, 3,4KW MAX
EF BD-10-S2: 16 Vd.c., 628 Ah, 10,04 kWh
For three phase: Nominal Voltage: 800 Vd.c.
Input: 720-960 Vd.c., 5,0kW MAX
Output: 720-960 Vd.c., 6,8kW MAX
For single phase: Nominal Voltage: 400 Vd.c.
Input: 360-520Vd.c., 5,0kW MAX
Output: 360-520Vd.c., 6,8kW MAX
EF BD-15-S2: 16 Vd.c., 942 Ah, 15,06 kWh
For three phase: Nominal Voltage: 800 Vd.c.
Input: 720-960 Vd.c., 7,5kW MAX
Output: 720-960 Vd.c., 10,2kW MAX
For single phase: Nominal Voltage: 400 Vd.c.
Input: 360-520Vd.c., 7,5kW MAX
Output: 360-520Vd.c., 10,2kW MAX
EF BD-20-S2: 16 Vd.c., 1256 Ah, 20,08 kWh
For three phase: Nominal Voltage: 800 Vd.c.
Input: 720-960 Vd.c., 10,0kW MAX
Output: 720-960 Vd.c., 13,6kW MAX
For single phase: Nominal Voltage: 400 Vd.c.
Input: 360-520Vd.c., 10,0kW MAX
Output: 360-520Vd.c., 12,5kW MAX
EF BD-25-S2: 16 Vd.c., 1570 Ah, 25,10 kWh
For three phase: Nominal Voltage: 800 Vd.c.
Input: 720-960 Vd.c., 12,5kW MAX
Output: 720-960 Vd.c., 17,0kW MAX
For single phase: Nominal Voltage: 400 Vd.c.
Input: 360-520Vd.c., 12,0 kW MAX
Output: 360-520Vd.c., 12,5 kW MAX

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Certification Manager

EF BD-30-S2: 16 Vd.c., 1884 Ah, 30,12 kWh
For three phase: Nominal Voltage: 800 Vd.c.
Input: 720-960 Vd.c., 15,0kW MAX
Output: 720-960 Vd.c., 20,4kW MAX
For single phase: Nominal Voltage: 400 Vd.c.
Input: 360-520Vd.c., 12,0kW MAX
Output: 360-520Vd.c., 12,5kW MAX

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