

CERTIFICATE

of conformity with the following European Directives

Low Voltage Directive 2014/35/EU

This certifies that below described products of the applicant:

FOXESS CO., LTD.


No.939, Jinhai Third Road, New Airport Industry Area, Longwan District, Wenzhou, Zhejiang, China

comply to the essential requirements of the above mentioned European Directive and the following standards, taking into account the German national deviations:

Product(s):	Rechargeable Li-ion Battery System
Model type(s):	EQ3300-L2, EQ3300-L3, EQ3300-L4, EQ3300-L5, EQ3300-L6, EQ3300-L2 (w), EQ3300-L3 (w), EQ3300-L4 (w), EQ3300-L5 (w), EQ3300-L6 (w), EQ5000-L2, EQ5000-L3, EQ5000-L4, EQ5000-L5, EQ5000-L6, EQ5000-L2 (w), EQ5000-L3 (w), EQ5000-L4 (w), EQ5000-L5 (w), EQ5000-L6 (w), EV.longlife-L2, EV.longlife-L3, EV.longlife-L4, EV.longlife-L5, EV.longlife-L6, EV.longlife-L7

This certificate of conformity is based on the evaluation of samples of the product. It does not imply an assessment of the production and it does not permit the use of a mark of conformity or of a safety mark of the TÜV NORD CERT GmbH. The holder of this certificate may use this Certificate together with his EC-Declaration of Conformity. The CE marking may be affixed on the product if all relevant and effective Directives are complied with, under full responsibility of the holder.

Certification program:	P31-VA-01 Rev. 02 / 04.20
Certification fundamental(s):	EN 62477-1:2012+A1:2017, EN 62477-1:2012+A12:2021
Registered no.:	44 799 24 406749 - 429
Report no.:	TRPVP07031/24E/01
File no.:	PVP07031/24E-02



TÜV NORD CERT GmbH
Certification Body
Energy Storage System

Essen, 2024-12-20

ANNEX

Annex 1, Page 1 of 16

to Certificate registration no. 44 799 24 406749 - 429

Description of product(s):

Model type(s):	EQ3300-L2 and EQ3300-L2 (w)
Rated capacity:	50Ah
Nominal voltage:	128V
Nominal charge current:	25A
Maximum charge current:	50A
Nominal discharge current:	25A
Maximum discharge current:	50A
Maximum Charge voltage:	146V
Cut-off voltage:	116V
Charge temperature range:	From 0°C to 55°C (without warm up function) From -25°C to 55°C (with warm up function)
Discharge temperature range:	From -10°C to 55°C (without warm up function) From -25°C to 55°C (with warm up function)
Nominal weight:	(82.2±1)kg (Net weight with accessories)
Nominal dimension(L*W*H):	(570±1) mm×(380±1) mm×(375±1) mm
Storage temperature range:	From -10°C to 50°C
IP rating/ Enclosure index:	IP65
Protective Class:	I
Altitude:	≤2000m



TÜV NORD CERT GmbH
Certification Body
Energy Storage System

Essen, 2024-12-20

ANNEX

Annex 1, Page 2 of 16

to Certificate registration no. 44 799 24 406749 - 429

Description of product(s):

Model type(s):	EQ3300-L3 and EQ3300-L3 (w)
Rated capacity:	50Ah
Nominal voltage:	192V
Nominal charge current:	25A
Maximum charge current:	50A
Nominal discharge current:	25A
Maximum discharge current:	50A
Maximum Charge voltage:	219V
Cut-off voltage:	174V
Charge temperature range:	From 0°C to 55°C (without warm up function) From -25°C to 55°C (with warm up function)
Discharge temperature range:	From -10°C to 55°C (without warm up function) From -25°C to 55°C (with warm up function)
Nominal weight:	(118.2±1)kg (Net weight with accessories)
Nominal dimension(L*W*H):	(570±1) mm×(380±1) mm×(510±1) mm
Storage temperature range:	From -10°C to 50°C
IP rating/ Enclosure index:	IP65
Protective Class:	I
Altitude:	≤2000m



TÜV NORD CERT GmbH
Certification Body
Energy Storage System

Essen, 2024-12-20

ANNEX

Annex 1, Page 3 of 16

to Certificate registration no. 44 799 24 406749 - 429

Description of product(s):

Model type(s):	EQ3300-L4 and EQ3300-L4 (w)
Rated capacity:	50Ah
Nominal voltage:	256V
Nominal charge current:	25A
Maximum charge current:	50A
Nominal discharge current:	25A
Maximum discharge current:	50A
Maximum Charge voltage:	292V
Cut-off voltage:	232V
Charge temperature range:	From 0°C to 55°C (without warm up function) From -25°C to 55°C (with warm up function)
Discharge temperature range:	From -10°C to 55°C (without warm up function) From -25°C to 55°C (with warm up function)
Nominal weight:	(154.2±1)kg (Net weight with accessories)
Nominal dimension(L*W*H):	(570±1) mm×(380±1) mm×(645±1) mm
Storage temperature range:	From -10°C to 50°C
IP rating/ Enclosure index:	IP65
Protective Class:	I
Altitude:	≤2000m



TÜV NORD CERT GmbH
Certification Body
Energy Storage System

Essen, 2024-12-20

ANNEX

Annex 1, Page 4 of 16

to Certificate registration no. 44 799 24 406749 - 429

Description of product(s):

Model type(s):	EQ3300-L5 and EQ3300-L5 (w)
Rated capacity:	50Ah
Nominal voltage:	323V
Nominal charge current:	25A
Maximum charge current:	50A
Nominal discharge current:	25A
Maximum discharge current:	50A
Maximum Charge voltage:	365V
Cut-off voltage:	290V
Charge temperature range:	From 0°C to 55°C (without warm up function) From -25°C to 55°C (with warm up function)
Discharge temperature range:	From -10°C to 55°C (without warm up function) From -25°C to 55°C (with warm up function)
Nominal weight:	(190.2±1)kg (Net weight with accessories)
Nominal dimension(L*W*H):	(570±1) mm×(380±1) mm×(780±1) mm
Storage temperature range:	From -10°C to 50°C
IP rating/ Enclosure index:	IP65
Protective Class:	I
Altitude:	≤2000m



TÜV NORD CERT GmbH
Certification Body
Energy Storage System

Essen, 2024-12-20


ANNEX

Annex 1, Page 5 of 16

to Certificate registration no. 44 799 24 406749 - 429

Description of product(s):

Model type(s):	EQ3300-L6 and EQ3300-L6 (w)
Rated capacity:	50Ah
Nominal voltage:	384V
Nominal charge current:	25A
Maximum charge current:	50A
Nominal discharge current:	25A
Maximum discharge current:	50A
Maximum Charge voltage:	438V
Cut-off voltage:	348V
Charge temperature range:	From 0°C to 55°C (without warm up function) From -25°C to 55°C (with warm up function)
Discharge temperature range:	From -10°C to 55°C (without warm up function) From -25°C to 55°C (with warm up function)
Nominal weight:	(226.2±1)kg (Net weight with accessories)
Nominal dimension(L*W*H):	(570±1) mm×(380±1) mm×(915±1) mm
Storage temperature range:	From -10°C to 50°C
IP rating/ Enclosure index:	IP65
Protective Class:	I
Altitude:	≤2000m



TÜV NORD CERT GmbH
Certification Body
Energy Storage System

Essen, 2024-12-20

ANNEX

Annex 1, Page 6 of 16

to Certificate registration no. 44 799 24 406749 - 429

Description of product(s):

Model type(s):	EQ5000-L2 and EQ5000-L2 (w)
Rated capacity:	77Ah
Nominal voltage:	128V
Nominal charge current:	38.5A
Maximum charge current:	50A
Nominal discharge current:	38.5A
Maximum discharge current:	50A
Maximum Charge voltage:	146V
Cut-off voltage:	116V
Charge temperature range:	From 0°C to 55°C (without warm up function) From -25°C to 55°C (with warm up function)
Discharge temperature range:	From -10°C to 55°C (without warm up function) From -25°C to 55°C (with warm up function)
Nominal weight:	(97.2±1)kg (Net weight with accessories)
Nominal dimension(L*W*H):	(570±1) mm×(380±1) mm×(375±1) mm
Storage temperature range:	From -10°C to 50°C
IP rating/ Enclosure index:	IP65
Protective Class:	I
Altitude:	≤2000m



TÜV NORD CERT GmbH
Certification Body
Energy Storage System

Essen, 2024-12-20

ANNEX

Annex 1, Page 7 of 16

to Certificate registration no. 44 799 24 406749 - 429

Description of product(s):

Model type(s):	EQ5000-L3 and EQ5000-L3 (w)
Rated capacity:	77Ah
Nominal voltage:	192V
Nominal charge current:	38.5A
Maximum charge current:	50A
Nominal discharge current:	38.5A
Maximum discharge current:	50A
Maximum Charge voltage:	219V
Cut-off voltage:	174V
Charge temperature range:	From 0°C to 55°C (without warm up function) From -25°C to 55°C (with warm up function)
Discharge temperature range:	From -10°C to 55°C (without warm up function) From -25°C to 55°C (with warm up function)
Nominal weight:	(140.7±1)kg (Net weight with accessories)
Nominal dimension(L*W*H):	(570±1) mm×(380±1) mm×(510±1) mm
Storage temperature range:	From -10°C to 50°C
IP rating/ Enclosure index:	IP65
Protective Class:	I
Altitude:	≤2000m



TÜV NORD CERT GmbH
Certification Body
Energy Storage System

Essen, 2024-12-20

ANNEX

Annex 1, Page 8 of 16

to Certificate registration no. 44 799 24 406749 - 429

Description of product(s):

Model type(s):	EQ5000-L4 and EQ5000-L4 (w)
Rated capacity:	77Ah
Nominal voltage:	256V
Nominal charge current:	38.5A
Maximum charge current:	50A
Nominal discharge current:	38.5A
Maximum discharge current:	50A
Maximum Charge voltage:	292V
Cut-off voltage:	232V
Charge temperature range:	From 0°C to 55°C (without warm up function) From -25°C to 55°C (with warm up function)
Discharge temperature range:	From -10°C to 55°C (without warm up function) From -25°C to 55°C (with warm up function)
Nominal weight:	(184.2±1)kg (Net weight with accessories)
Nominal dimension(L*W*H):	(570±1) mm×(380±1) mm×(645±1) mm
Storage temperature range:	From -10°C to 50°C
IP rating/ Enclosure index:	IP65
Protective Class:	I
Altitude:	≤2000m



TÜV NORD CERT GmbH
Certification Body
Energy Storage System

Essen, 2024-12-20

ANNEX

Annex 1, Page 9 of 16

to Certificate registration no. 44 799 24 406749 - 429

Description of product(s):

Model type(s):	EQ5000-L5 and EQ5000-L5 (w)
Rated capacity:	77Ah
Nominal voltage:	323V
Nominal charge current:	38.5A
Maximum charge current:	50A
Nominal discharge current:	38.5A
Maximum discharge current:	50A
Maximum Charge voltage:	365V
Cut-off voltage:	290V
Charge temperature range:	From 0°C to 55°C (without warm up function) From -25°C to 55°C (with warm up function)
Discharge temperature range:	From -10°C to 55°C (without warm up function) From -25°C to 55°C (with warm up function)
Nominal weight:	(227.7±1)kg (Net weight with accessories)
Nominal dimension(L*W*H):	(570±1) mm×(380±1) mm×(780±1) mm
Storage temperature range:	From -10°C to 50°C
IP rating/ Enclosure index:	IP65
Protective Class:	I
Altitude:	≤2000m



TÜV NORD CERT GmbH
Certification Body
Energy Storage System

Essen, 2024-12-20


ANNEX

Annex 1, Page 10 of 16

to Certificate registration no. 44 799 24 406749 - 429

Description of product(s):

Model type(s):	EQ5000-L6 and EQ5000-L6 (w)
Rated capacity:	77Ah
Nominal voltage:	384V
Nominal charge current:	38.5A
Maximum charge current:	50A
Nominal discharge current:	38.5A
Maximum discharge current:	50A
Maximum Charge voltage:	438V
Cut-off voltage:	348V
Charge temperature range:	From 0°C to 55°C (without warm up function) From -25°C to 55°C (with warm up function)
Discharge temperature range:	From -10°C to 55°C (without warm up function) From -25°C to 55°C (with warm up function)
Nominal weight:	(271.2±1)kg (Net weight with accessories)
Nominal dimension(L*W*H):	(570±1) mm×(380±1) mm×(915±1) mm
Storage temperature range:	From -10°C to 50°C
IP rating/ Enclosure index:	IP65
Protective Class:	I
Altitude:	≤2000m



TÜV NORD CERT GmbH
Certification Body
Energy Storage System

Essen, 2024-12-20

ANNEX

Annex 1, Page 11 of 16

to Certificate registration no. 44 799 24 406749 - 429

Description of product(s):

Model type(s):	EV.longlife-L2
Rated capacity:	75Ah
Nominal voltage:	115.2V
Nominal charge current:	37.5A
Maximum charge current:	50A
Nominal discharge current:	37.5A
Maximum discharge current:	50A
Maximum Charge voltage:	131.4V
Cut-off voltage:	104.4V
Charge temperature range:	From 0°C to 55°C
Discharge temperature range:	From -10°C to 55°C
Nominal weight:	(82.2±1)kg (Net weight with accessories)
Nominal dimension(L*W*H):	(570±1) mm×(380±1) mm×(368±1) mm
Storage temperature range:	From -10°C to 50°C
IP rating/ Enclosure index:	IP65
Protective Class:	I
Altitude:	≤2000m



TÜV NORD CERT GmbH
Certification Body
Energy Storage System

Essen, 2024-12-20

ANNEX

Annex 1, Page 12 of 16

to Certificate registration no. 44 799 24 406749 - 429

Description of product(s):

Model type(s):	EV.longlife-L3
Rated capacity:	75Ah
Nominal voltage:	172.8V
Nominal charge current:	37.5A
Maximum charge current:	50A
Nominal discharge current:	37.5A
Maximum discharge current:	50A
Maximum Charge voltage:	197.1V
Cut-off voltage:	156.6V
Charge temperature range:	From 0°C to 55°C
Discharge temperature range:	From -10°C to 55°C
Nominal weight:	(118.2±1)kg (Net weight with accessories)
Nominal dimension(L*W*H):	(570±1) mm×(380±1) mm×(506±1) mm
Storage temperature range:	From -10°C to 50°C
IP rating/ Enclosure index:	IP65
Protective Class:	I
Altitude:	≤2000m



TÜV NORD CERT GmbH
Certification Body
Energy Storage System

Essen, 2024-12-20

ANNEX

Annex 1, Page 13 of 16

to Certificate registration no. 44 799 24 406749 - 429

Description of product(s):

Model type(s):	EV.longlife-L4
Rated capacity:	75Ah
Nominal voltage:	230.4V
Nominal charge current:	37.5A
Maximum charge current:	50A
Nominal discharge current:	37.5A
Maximum discharge current:	50A
Maximum Charge voltage:	262.8V
Cut-off voltage:	208.8V
Charge temperature range:	From 0°C to 55°C
Discharge temperature range:	From -10°C to 55°C
Nominal weight:	(154.2±1)kg (Net weight with accessories)
Nominal dimension(L*W*H):	(570±1) mm×(380±1) mm×(644±1) mm
Storage temperature range:	From -10°C to 50°C
IP rating/ Enclosure index:	IP65
Protective Class:	I
Altitude:	≤2000m

A handwritten signature in blue ink that reads "Allan Zhang".

TÜV NORD CERT GmbH
Certification Body
Energy Storage System

Essen, 2024-12-20

ANNEX

Annex 1, Page 14 of 16

to Certificate registration no. 44 799 24 406749 - 429

Description of product(s):

Model type(s):	EV.longlife-L5
Rated capacity:	75Ah
Nominal voltage:	288V
Nominal charge current:	37.5A
Maximum charge current:	50A
Nominal discharge current:	37.5A
Maximum discharge current:	50A
Maximum Charge voltage:	328.5V
Cut-off voltage:	261V
Charge temperature range:	From 0°C to 55°C
Discharge temperature range:	From -10°C to 55°C
Nominal weight:	(190.2±1)kg (Net weight with accessories)
Nominal dimension(L*W*H):	(570±1) mm×(380±1) mm×(782±1) mm
Storage temperature range:	From -10°C to 50°C
IP rating/ Enclosure index:	IP65
Protective Class:	I
Altitude:	≤2000m



ANNEX

Annex 1, Page 15 of 16

to Certificate registration no. 44 799 24 406749 - 429

Description of product(s):

Model type(s):	EV.longlife-L6
Rated capacity:	75Ah
Nominal voltage:	345.6V
Nominal charge current:	37.5A
Maximum charge current:	50A
Nominal discharge current:	37.5A
Maximum discharge current:	50A
Maximum Charge voltage:	394.2V
Cut-off voltage:	313.2V
Charge temperature range:	From 0°C to 55°C
Discharge temperature range:	From -10°C to 55°C
Nominal weight:	(226.2±1)kg (Net weight with accessories)
Nominal dimension(L*W*H):	(570±1) mm×(380±1) mm×(920±1) mm
Storage temperature range:	From -10°C to 50°C
IP rating/ Enclosure index:	IP65
Protective Class:	I
Altitude:	≤2000m



TÜV NORD CERT GmbH
Certification Body
Energy Storage System

Essen, 2024-12-20

ANNEX

Annex 1, Page 16 of 16


to Certificate registration no. 44 799 24 406749 - 429

Description of product(s):

Model type(s):	EV.longlife-L7
Rated capacity:	75Ah
Nominal voltage:	403.2V
Nominal charge current:	37.5A
Maximum charge current:	50A
Nominal discharge current:	37.5A
Maximum discharge current:	50A
Maximum Charge voltage:	459.9V
Cut-off voltage:	365.4V
Charge temperature range:	From 0°C to 55°C
Discharge temperature range:	From -10°C to 55°C
Nominal weight:	(262.2±1)kg (Net weight with accessories)
Nominal dimension(L*W*H):	(570±1) mm×(380±1) mm×(1058±1) mm
Storage temperature range:	From -10°C to 50°C
IP rating/ Enclosure index:	IP65
Protective Class:	I
Altitude:	≤2000m

Remark:

For detailed product information, please refer to CDF (Constructional Data Form) in Annex 1 of test report.


TÜV NORD CERT GmbH
Certification Body
Energy Storage System

Essen, 2024-12-20