

CERTIFICATE OF CONFORMITY

Issued to: FOXESS CO., LTD.
No.939, Jinhai Third Road, New Airport Industry Area, Longwan District, Wenzhou,
Zhejiang, China

For the product: Rechargeable Li-ion Battery System

Trade name:



Type/Model: CQ 48.21, CQ 64.28, CQ 80.35, CQ 96.42, CQ 112.49, CQ 128.56, CQ 144.63,
CQ 160.70, CQ 176.77, CQ 192.84, CQ 208.91, CQ 224.98, CQ 241.05

Ratings: See annex

Manufactured by: FOXESS CO., LTD.
No.939, Jinhai Third Road, New Airport Industry Area, Longwan District, Wenzhou,
Zhejiang, China

Requirements: IEC 62933-5-2:2020

This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 4942486.50.

The examination has been carried out on one single specimen of the product. The Attestation does not include an assessment of the manufacturer's production. Conformity of this production with the specimen tested by DEKRA is not the responsibility of DEKRA.

This Test Certificate expires at the latest on 13 November 2030 or expires upon withdrawal of one of the above-mentioned standards.

Shanghai, 13 November 2025

Number: 4942486.01COC

DEKRA Testing and Certification (Shanghai) Ltd.

Rosa Zhou
Certification Manager



PCA-141

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ESA-CER-F021 v4.1

Ratings of the product:

Type/model	CQ 48.21, CQ 64.28, CQ 80.35, CQ 96.42, CQ 112.49, CQ 128.56, CQ 144.63, CQ 160.70, CQ 176.77, CQ 192.84, CQ 208.91, CQ 224.98, CQ 241.05
Nominal Voltage	CQ 48.21: 153,6 Vd.c. CQ 64.28: 204,8 Vd.c. CQ 80.35: 256,0 Vd.c. CQ 96.42: 307,2 Vd.c. CQ 112.49: 358,4 Vd.c. CQ 128.56: 409,6 Vd.c. CQ 144.63: 460,8 Vd.c. CQ 160.70: 512,0 Vd.c. CQ 176.77: 563,2 Vd.c. CQ 192.84: 614,4 Vd.c. CQ 208.91: 665,6 Vd.c. CQ 224.98: 716,8 Vd.c. CQ 241.05: 768,0 Vd.c.
Rated Capacity	314 Ah
Rated Energy	CQ 48.21: 48,21 kWh CQ 64.28: 64,28 kWh CQ 80.35: 80,35 kWh CQ 96.42: 96,42 kWh CQ 112.49: 112,49 kWh CQ 128.56: 128,56 kWh CQ 144.63: 144,63 kWh CQ 160.70: 160,70 kWh CQ 176.77: 176,77 kWh CQ 192.84: 192,84 kWh CQ 208.91: 208,91 kWh CQ 224.98: 224,98 kWh CQ 241.05: 241,05 kWh
	CQ 48.21: 175,2 Vd.c. CQ 64.28: 233,6 Vd.c. CQ 80.35: 292,0 Vd.c. CQ 96.42: 350,4 Vd.c. CQ 112.49: 408,8 Vd.c. CQ 128.56: 467,2 Vd.c. CQ 144.63: 525,6 Vd.c.

Annex to 4939789.01COC

Charging voltage declared by manufacturer	CQ 160.70: 584,0 Vd.c. CQ 176.77: 642,4 Vd.c. CQ 192.84: 700,8 Vd.c. CQ 208.91: 759,2 Vd.c. CQ 224.98: 817,6 Vd.c. CQ 241.05: 876,0 Vd.c. or any cell voltage reaches 3,6 V
Discharging cut off voltage	CQ 48.21: 139,2 Vd.c. CQ 64.28: 185,6 Vd.c. CQ 80.35: 232,0 Vd.c. CQ 96.42: 278,4 Vd.c. CQ 112.49: 324,8 Vd.c. CQ 128.56: 371,2 Vd.c. CQ 144.63: 417,6 Vd.c. CQ 160.70: 464,0 Vd.c. CQ 176.77: 510,4 Vd.c. CQ 192.84: 556,8 Vd.c. CQ 208.91: 603,2 Vd.c. CQ 224.98: 649,6 Vd.c. CQ 241.05: 696,0 Vd.c. or any cell voltage reaches 2,9 V
Charging current declared by manufacturer	157 A
Maximum continuous charging current	240 A*
Discharging current declared by manufacturer	157 A
Maximum continuous discharging current	240 A*
Standard charging method by manufacturer	Charge at constant current 157 A until any cell voltage reaches 3,6 V.
Dimension	H*D*W: CQ 48.21: 1010 mm*810 mm*390 mm CQ 64.28: 1245 mm*810 mm*390 mm CQ 80.35: 775 mm*810 mm*830 mm CQ 96.42: 1010 mm*810 mm*830 mm CQ 112.49: 1010 mm*810 mm*830 mm CQ 128.56: 775 mm*810 mm*1270 mm CQ 144.63: 1245 mm*810 mm*830 mm CQ 160.70: 1480 mm*810 mm*830 mm CQ 176.77: 775 mm*810 mm*1710 mm CQ 192.84: 1010 mm*810 mm*1710 mm

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	CQ 208.91: 1010 mm*810 mm*1710 mm CQ 224.98: 1245 mm*810 mm*1270 mm CQ 241.05: 1010 mm*810 mm*1710 mm
Weight	CQ 48.21: approx. 375,8 kg CQ 64.28: approx. 491,4 kg CQ 80.35: approx. 607 kg CQ 96.42: approx. 722,6 kg CQ 112.49: approx. 838,2 kg CQ 128.56: approx. 953,8 kg CQ 144.63: approx. 1069,4 kg CQ 160.70: approx. 1185 kg CQ 176.77: approx. 1300,6 kg CQ 192.84: approx. 1416,2 kg CQ 208.91: approx. 1531,8 kg CQ 224.98: approx. 1647,4 kg CQ 241.05: approx. 1763 kg (Net weight)
Ingress Protection	IP20
Protective Class	I
Altitude	Up to 3000 m

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