

Certificate

of Conformity

This certifies that below described product(s) of the company:

FOXESS CO., LTD.

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

comply to the essential requirements of the following standards

Manufacturer and factory(-ies): See Annex 1

Trademark: See Annex 1

Description of product(s)
(details see Annex 2): **Rechargeable Li-ion Battery System**

Certification program: P31-VA-01 Rev. 03 / 02.25 Certification scheme type: type 1a acc. to ISO/IEC 17067:2013

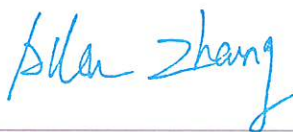
Certification fundamental(s): EN IEC 62477-1:2023

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 TÜV NORD CERT GmbH. The company may use this certificate as a basis of compliance with 2014/35/EU - low voltage directive, together with EU declaration of conformity (DoC) issued by the company. The CE marking may be affixed on the product if all relevant and effective directives and requirements are complied with, under full responsibility of the company.

Registration no.: 44 799 26 406749 - 110

Report no.: 492014331.001

File no.: PVP02040/26E-005



Essen, 2026-03-27

Certification Body - Energy Storage Systems

TÜV NORD CERT GmbH

Am TÜV 1, 45307 Essen, Germany

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Please also pay attention to the information stated overleaf.

TÜV®



Visit our database to
verify the validity of
this certificate.

Annex 1

to certificate registration no. 44 799 26 406749 - 110

Manufacturer:

FOXESS CO., LTD.

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

Trademark:



Factory:

FOXESS CO., LTD.

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

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Annex 2

to certificate registration no. 44 799 26 406749 - 110

Description of product(s):

Model type	CQ7-50-L2	CQ7-50-L3	CQ7-50-L4
	CQ7-50-L2 (w)	CQ7-50-L3 (w)	CQ7-50-L4 (w)
Battery designation	IFpP53/150/120 [(18S)2S]E/-10+50/90	IFpP53/150/120 [(18S)3S]E/-10+50/90	IFpP53/150/120 [(18S)4S]E/-10+50/90
Battery Type	LFP(LiFePO4)		
Number of Modules	2	3	4
Nominal Voltage (V)	115.2	172.8	230.4
Nominal Energy (kWh)	13.92	20.88	27.84
Operating Voltage (V)	104.4~131.4	156.6~197.1	208.8~262.8
Nominal capacity (Ah)	121		
Recommend Charge/Discharge Current (A)	50		
Constant current and constant voltage charging cut-off current (A)	2		
Max. Charge/Discharge Current (A)	50		
Peak Discharge Current (60S) (A)	65		
Operating Temperature (°C) for series CQ7-50-Ln series (n=2~14)	Charge/ Discharge: 0~55/-10~55		
Operating Temperature (°C) for series CQ7-50-Ln (w) series (n=2~14)	Charge/ Discharge: 0~55/-10~55* ¹ Charge/ Discharge: -25~55/-25~55* ²		
Storage Temperature (°C)	-10~50		
Cooling method	Natural Convection		

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Altitude (m)	Max. 3000		
Protective class	Class I		
Ingress protection	IP65		
Dimensions (L*W*H) (mm) (Foot:60mm)	660±3*360±3*420±6	660±3*360±3*575±9	660±3*360±3*730±12
Weight (kg) (1±5%)	105.5	156	206.5

Model type	CQ7-50-L5	CQ7-50-L6	CQ7-50-L7
	CQ7-50-L5 (w)	CQ7-50-L6 (w)	CQ7-50-L7 (w)
Battery designation	IFpP53/150/120 [(18S)5S]E/-10+50/90	IFpP53/150/120 [(18S)6S]E/-10+50/90	IFpP53/150/120 [(18S)7S]E/-10+50/90
Battery Type	LFP(LiFePO4)		
Number of Modules	5	6	7
Nominal Voltage (V)	288.0	345.6	403.2
Nominal Energy (kWh)	34.80	41.76	48.72
Operating Voltage (V)	261.0~328.5	313.2~394.2	365.4~459.9
Nominal capacity (Ah)	121		
Recommend Charge/Discharge Current (A)	50		
Constant current and constant voltage charging cut-off current (A)	2		
Max. Charge/Discharge Current (A)	50		



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Peak Discharge Current (60S) (A)	65		
Operating Temperature (°C) for series CQ7-50-Ln series (n=2~14)	Charge/ Discharge: 0~55/-10~55		
Operating Temperature (°C) for series CQ7-50-Ln (w) series (n=2~14)	Charge/ Discharge: 0~55/-10~55* ¹ Charge/ Discharge: -25~55/-25~55* ²		
Storage Temperature (°C)	-10~50		
Cooling method	Natural Convection		
Altitude (m)	Max. 3000		
Protective class	Class I		
Ingress protection	IP65		
Dimensions (L*W*H) (mm) (Foot:60mm)	660±3*360±3*885±15	660±3*360±3* 1040±18	660±3*360±3* 1195±21
Weight (kg) (1±5%)	257	307.5	358

Model type	CQ7-50-L8	CQ7-50-L9	CQ7-50-L10
	CQ7-50-L8 (w)	CQ7-50-L9 (w)	CQ7-50-L10 (w)
Battery designation	IFpP53/150/120 [(18S)8S]E/-10+50/90	IFpP53/150/120 [(18S)9S]E/-10+50/90	IFpP53/150/120 [(18S)10S]E/-10+50/90
Battery Type	LFP(LiFePO4)		
Number of Modules	8	9	10
Nominal Voltage (V)	460.8	518.4	576.0
Nominal Energy (kWh)	55.68	62.64	69.60

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Operating Voltage (V)	417.6~525.6	469.8~591.3	522.0~657.0
Nominal capacity (Ah)	121		
Recommend Charge/Discharge Current (A)	50		
Constant current and constant voltage charging cut-off current (A)	2		
Max. Charge/Discharge Current (A)	50		
Peak Discharge Current (60S) (A)	65		
Operating Temperature (°C) for series CQ7-50-Ln series (n=2~14)	Charge/ Discharge: 0~55/-10~55		
Operating Temperature (°C) for series CQ7-50-Ln (w) series (n=2~14)	Charge/ Discharge: 0~55/-10~55*1 Charge/ Discharge: -25~55/-25~55*2		
Storage Temperature (°C)	-10~50		
Cooling method	Natural Convection		
Altitude (m)	Max. 3000		
Protective class	Class I		
Ingress protection	IP65		
Dimensions (L*W*H) (mm) (Foot:60mm)	660±3*360±3* 1350±24	660±3*360±3* 1505±27	660±3*360±3* 1660±30
Weight (kg) (1±5%)	408.5	459	509.5

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Model type	CQ7-50-L11	CQ7-50-L12	CQ7-50-L13	CQ7-50-L14
	CQ7-50-L11 (w)	CQ7-50-L12 (w)	CQ7-50-L13 (w)	CQ7-50-L14 (w)
Battery designation	IFpP53/150/120 [(18S)11S]E/- 10+50/90	IFpP53/150/120 [(18S)12S]E/- 10+50/90	IFpP53/150/120 [(18S)13S]E/- 10+50/90	IFpP53/150/120 [(18S)14S]E/- 10+50/90
Battery Type	LFP(LiFePO4)			
Number of Modules	11	12	13	14
Nominal Voltage (V)	633.6	691.2	748.8	806.4
Nominal Energy (kWh)	76.56	83.52	90.48	97.44
Operating Voltage (V)	574.2~722.7	626.4~788.4	678.6~854.1	730.8~919.8
Nominal capacity (Ah)	121			
Recommend Charge/Discharge Current (A)	50			
Constant current and constant voltage charging cut-off current (A)	2			
Max. Charge/Discharge Current (A)	50			
Peak Discharge Current (60S) (A)	65			
Operating Temperature (°C) for series CQ7-50-Ln series (n=2~14)	Charge/ Discharge: 0~55/-10~55			
Operating Temperature (°C) for series CQ7-50-Ln (w) series (n=2~14)	Charge/ Discharge: 0~55/-10~55*1 Charge/ Discharge: -25~55/-25~55*2			
Storage Temperature (°C)	-10~50			
Cooling method	Natural Convection			
Altitude (m)	Max. 3000			

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Protective class	Class I			
Ingress protection	IP65			
Dimensions (L*W*H) (mm) (Foot:60mm)	660±3*360±3* 1815±33	660±3*360±3* 1970±36	660±3*360±3* 2125±39	660±3*360±3* 2280±42
Weight (kg) (1±5%)	560	610.5	661	711.5
Remark: *1warm up function off, *2warm up function on				

Model type	CQ7-80-L2	CQ7-80-L3	CQ7-80-L4
	CQ7-80-L2 (w)	CQ7-80-L3 (w)	CQ7-80-L4 (w)
Battery designation	IFpP53/150/120 [(18S)2S]M/-10+50/90	IFpP53/150/120 [(18S)3S]M/-10+50/90	IFpP53/150/120 [(18S)4S]M/-10+50/90
Battery Type	LFP(LiFePO4)		
Number of Modules	2	3	4
Nominal Voltage (V)	115.2	172.8	230.4
Nominal Energy (kWh)	14.04	21.06	28.08
Operating Voltage (V)	104.4~131.4	156.6~197.1	208.8~262.8
Nominal capacity (Ah)	122		
Recommend Charge/Discharge Current (A)	50		
Constant current and constant voltage charging cut-off current (A)	2		
Max. Charge/Discharge Current (A)	80		
Peak Discharge Current (60S) (A)	120		

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Operating Temperature (°C) for series CQ7-80-Ln series (n=2~14)	Charge/ Discharge: 0~55/-10~55		
Operating Temperature (°C) for series CQ7-80-Ln (w) series (n=2~14)	Charge/ Discharge: 0~55/-10~55* ¹ Charge/ Discharge: -25~55/-25~55* ²		
Storage Temperature (°C)	-10~50		
Cooling method	Natural Convection		
Altitude (m)	Max. 3000		
Protective class	Class I		
Ingress protection	IP65		
Dimensions (L*W*H) (mm) (Foot:60mm)	660±3*360±3*420±6	660±3*360±3*575±9	660±3*360±3*730±12
Weight (kg) (1±5%)	105.5	156	206.5

Model type	CQ7-80-L5	CQ7-80-L6	CQ7-80-L7
	CQ7-80-L5 (w)	CQ7-80-L6 (w)	CQ7-80-L7 (w)
Battery designation	IFpP53/150/120 [(18S)5S]M/-10+50/90	IFpP53/150/120 [(18S)6S]M/-10+50/90	IFpP53/150/120 [(18S)7S]M/-10+50/90
Battery Type	LFP(LiFePO ₄)		
Number of Modules	5	6	7
Nominal Voltage (V)	288.0	345.6	403.2
Nominal Energy (kWh)	35.10	42.12	49.14
Operating Voltage (V)	261.0~328.5	313.2~394.2	365.4~459.9

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Nominal capacity (Ah)	122		
Recommend Charge/Discharge Current (A)	50		
Constant current and constant voltage charging cut-off current (A)	2		
Max. Charge/Discharge Current (A)	80		
Peak Discharge Current (60S) (A)	120		
Operating Temperature (°C) for series CQ7-80-Ln series (n=2~14)	Charge/ Discharge: 0~55/-10~55		
Operating Temperature (°C) for series CQ7-80-Ln (w) series (n=2~14)	Charge/ Discharge: 0~55/-10~55* ¹ Charge/ Discharge: -25~55/-25~55* ²		
Storage Temperature (°C)	-10~50		
Cooling method	Natural Convection		
Altitude (m)	Max. 3000		
Protective class	Class I		
Ingress protection	IP65		
Dimensions (L*W*H) (mm) (Foot:60mm)	660±3*360±3*885±15	660±3*360±3* 1040±18	660±3*360±3* 1195±21
Weight (kg) (1±5%)	257	307.5	358



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Model type	CQ7-80-L8	CQ7-80-L9	CQ7-80-L10
	CQ7-80-L8 (w)	CQ7-80-L9 (w)	CQ7-80-L10 (w)
Battery designation	IFpP53/150/120 [(18S)8S]M/-10+50/90	IFpP53/150/120 [(18S)9S]M/-10+50/90	IFpP53/150/120 [(18S)10S]M/-10+50/90
Battery Type	LFP(LiFePO4)		
Number of Modules	8	9	10
Nominal Voltage (V)	460.8	518.4	576.0
Nominal Energy (kWh)	56.16	63.18	70.20
Operating Voltage (V)	417.6~525.6	469.8~591.3	522.0~657.0
Nominal capacity (Ah)	122		
Recommend Charge/Discharge Current (A)	50		
Constant current and constant voltage charging cut-off current (A)	2		
Max. Charge/Discharge Current (A)	80		
Peak Discharge Current (60S) (A)	120		
Operating Temperature (°C) for series CQ7-80-Ln series (n=2~14)	Charge/ Discharge: 0~55/-10~55		
Operating Temperature (°C) for series CQ7-80-Ln (w) series (n=2~14)	Charge/ Discharge: 0~55/-10~55*1 Charge/ Discharge: -25~55/-25~55*2		
Storage Temperature (°C)	-10~50		
Cooling method	Natural Convection		
Altitude (m)	Max. 3000		

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Protective class	Class I		
Ingress protection	IP65		
Dimensions (L*W*H) (mm) (Foot:60mm)	660±3*360±3* 1350±24	660±3*360±3* 1505±27	660±3*360±3* 1660±30
Weight (kg) (1±5%)	408.5	459	509.5

Model type	CQ7-80-L11	CQ7-80-L12	CQ7-80-L13	CQ7-80-L14
	CQ7-80-L11 (w)	CQ7-80-L12 (w)	CQ7-80-L13 (w)	CQ7-80-L14 (w)
Battery designation	IFpP53/150/120 [(18S)11S]M/- 10+50/90	IFpP53/150/120 [(18S)12S]M/- 10+50/90	IFpP53/150/120 [(18S)13S]M/- 10+50/90	IFpP53/150/120 [(18S)14S]M/- 10+50/90
Battery Type	LFP(LiFePO4)			
Number of Modules	11	12	13	14
Nominal Voltage (V)	633.6	691.2	748.8	806.4
Nominal Energy (kWh)	77.22	84.24	91.26	98.28
Operating Voltage (V)	574.2~722.7	626.4~788.4	678.6~854.1	730.8~919.8
Nominal capacity (Ah)	122			
Recommend Charge/Discharge Current (A)	50			
Constant current and constant voltage charging cut-off current (A)	2			
Max. Charge/Discharge Current (A)	80			
Peak Discharge Current (60S) (A)	120			

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Operating Temperature (°C) for series CQ7-80-Ln series (n=2~14)	Charge/ Discharge: 0~55/-10~55			
Operating Temperature (°C) for series CQ7-80-Ln (w) series (n=2~14)	Charge/ Discharge: 0~55/-10~55* ¹ Charge/ Discharge: -25~55/-25~55* ²			
Storage Temperature (°C)	-10~50			
Cooling method	Natural Convection			
Altitude (m)	Max. 3000			
Protective class	Class I			
Ingress protection	IP65			
Dimensions (L*W*H) (mm) (Foot:60mm)	660±3*360±3* 1815±33	660±3*360±3* 1970±36	660±3*360±3* 2125±39	660±3*360±3* 2280±42
Weight (kg) (1±5%)	560	610.5	661	711.5
Remark: * ¹ warm up function off, * ² warm up function on				

Model type	CQ7-L2	CQ7-L3	CQ7-L4
	CQ7-L2 (w)	CQ7-L3 (w)	CQ7-L4 (w)
Battery designation	IFpP53/150/120 [(18S)2S]M/-10+50/90	IFpP53/150/120 [(18S)3S]M/-10+50/90	IFpP53/150/120 [(18S)4S]M/-10+50/90
Battery Type	LFP(LiFePO4)		
Number of Modules	2	3	4
Nominal Voltage (V)	115.2	172.8	230.4
Nominal Energy (kWh)	13.92	20.88	27.84

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Operating Voltage (V)	104.4~131.4	156.6~197.1	208.8~262.8
Nominal capacity (Ah)	121		
Recommend Charge/Discharge Current (A)	50		
Constant current and constant voltage charging cut-off current (A)	2		
Max. Charge/Discharge Current (A)	80		
Peak Discharge Current (60S) (A)	120		
Operating Temperature (°C) for series CQ7-Ln series (n=2~14)	Charge/ Discharge: 0~55/-10~55		
Operating Temperature (°C) for series CQ7-Ln (w) series (n=2~14)	Charge/ Discharge: 0~55/-10~55*1 Charge/ Discharge: -25~55/-25~55*2		
Storage Temperature (°C)	-10~50		
Cooling method	Natural Convection		
Altitude (m)	Max. 3000		
Protective class	Class I		
Ingress protection	IP65		
Dimensions (L*W*H) (mm) (Foot:60mm)	660±3*360±3*420±6	660±3*360±3*575±9	660±3*360±3*730±12
Weight (kg) (1±5%)	105.5	156	206.5

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Model type	CQ7-L5	CQ7-L6	CQ7-L7
	CQ7-L5 (w)	CQ7-L6 (w)	CQ7-L7 (w)
Battery designation	IFpP53/150/120 [(18S)5S]M/-10+50/90	IFpP53/150/120 [(18S)6S]M/-10+50/90	IFpP53/150/120 [(18S)7S]M/-10+50/90
Battery Type	LFP(LiFePO4)		
Number of Modules	5	6	7
Nominal Voltage (V)	288.0	345.6	403.2
Nominal Energy (kWh)	34.80	41.76	48.72
Operating Voltage (V)	261.0~328.5	313.2~394.2	365.4~459.9
Nominal capacity (Ah)	121		
Recommend Charge/Discharge Current (A)	50		
Constant current and constant voltage charging cut-off current (A)	2		
Max. Charge/Discharge Current (A)	80		
Peak Discharge Current (60S) (A)	120		
Operating Temperature (°C) for series CQ7-Ln series (n=2~14)	Charge/ Discharge: 0~55/-10~55		
Operating Temperature (°C) for series CQ7-Ln (w) series (n=2~14)	Charge/ Discharge: 0~55/-10~55* ¹ Charge/ Discharge: -25~55/-25~55* ²		
Storage Temperature (°C)	-10~50		
Cooling method	Natural Convection		
Altitude (m)	Max. 3000		

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Protective class	Class I		
Ingress protection	IP65		
Dimensions (L*W*H) (mm) (Foot:60mm)	660±3*360±3*885±15	660±3*360±3* 1040±18	660±3*360±3* 1195±21
Weight (kg) (1±5%)	257	307.5	358

Model type	CQ7-L8	CQ7-L9	CQ7-L10
	CQ7-L8 (w)	CQ7-L9 (w)	CQ7-L10 (w)
Battery designation	IFpP53/150/120 [(18S)8S]M/-10+50/90	IFpP53/150/120 [(18S)9S]M/-10+50/90	IFpP53/150/120 [(18S)10S]M/-10+50/90
Battery Type	LFP(LiFePO4)		
Number of Modules	8	9	10
Nominal Voltage (V)	460.8	518.4	576.0
Nominal Energy (kWh)	55.68	62.64	69.60
Operating Voltage (V)	417.6~525.6	469.8~591.3	522.0~657.0
Nominal capacity (Ah)	121		
Recommend Charge/Discharge Current (A)	50		
Constant current and constant voltage charging cut-off current (A)	2		
Max. Charge/Discharge Current (A)	80		
Peak Discharge Current (60S) (A)	120		

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Operating Temperature (°C) for series CQ7-Ln series (n=2~14)	Charge/ Discharge: 0~55/-10~55		
Operating Temperature (°C) for series CQ7-Ln (w) series (n=2~14)	Charge/ Discharge: 0~55/-10~55* ¹ Charge/ Discharge: -25~55/-25~55* ²		
Storage Temperature (°C)	-10~50		
Cooling method	Natural Convection		
Altitude (m)	Max. 3000		
Protective class	Class I		
Ingress protection	IP65		
Dimensions (L*W*H) (mm) (Foot:60mm)	660±3*360±3* 1350±24	660±3*360±3* 1505±27	660±3*360±3* 1660±30
Weight (kg) (1±5%)	408.5	459	509.5

Model type	CQ7-L11	CQ7-L12	CQ7-L13	CQ7-L14
	CQ7-L11 (w)	CQ7-L12 (w)	CQ7-L13 (w)	CQ7-L14 (w)
Battery designation	IFpP53/150/120 [(18S)11S]M/- 10+50/90	IFpP53/150/120 [(18S)12S]M/- 10+50/90	IFpP53/150/120 [(18S)13S]M/- 10+50/90	IFpP53/150/120 [(18S)14S]M/- 10+50/90
Battery Type	LFP(LiFePO4)			
Number of Modules	11	12	13	14
Nominal Voltage (V)	633.6	691.2	748.8	806.4
Nominal Energy (kWh)	76.56	83.52	90.48	97.44

Essen, 2026-03-27

Certification Body - Energy Storage Systems

TÜV NORD CERT GmbH

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Operating Voltage (V)	574.2~722.7	626.4~788.4	678.6~854.1	730.8~919.8
Nominal capacity (Ah)	121			
Recommend Charge/Discharge Current (A)	50			
Constant current and constant voltage charging cut-off current (A)	2			
Max. Charge/Discharge Current (A)	80			
Peak Discharge Current (60S) (A)	120			
Operating Temperature (°C) for series CQ7-Ln series (n=2~14)	Charge/ Discharge: 0~55/-10~55			
Operating Temperature (°C) for series CQ7-Ln (w) series (n=2~14)	Charge/ Discharge: 0~55/-10~55* ¹ Charge/ Discharge: -25~55/-25~55* ²			
Storage Temperature (°C)	-10~50			
Cooling method	Natural Convection			
Altitude (m)	Max. 3000			
Protective class	Class I			
Ingress protection	IP65			
Dimensions (L*W*H) (mm) (Foot:60mm)	660±3*360±3* 1815±33	660±3*360±3* 1970±36	660±3*360±3* 2125±39	660±3*360±3* 2280±42
Weight (kg) (1±5%)	560	610.5	661	711.5
Remark: * ¹ warm up function off, * ² warm up function on				

Remark:

For detailed product information, please refer to CDF (Constructional Data Form) in the associated report.



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