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:	Energy Storage System
Trade name:	FOX ESS
Type/Model:	EVO 10-5-H, EVO 10-5-AC, EVO 10-6-H, EVO 10-6-AC, EVO 10-7-H ,EVO 10-7-AC, EVO 10-8-H, EVO 10-8-AC, EVO 10-9-H, EVO 10-9-AC, EVO 10-10-H ,EVO 10-10-AC, EVO 10-5-H-L, EVO 10-5-AC-L, EVO 10-6-H-L, EVO 10-6-AC-L, EVO 10-7.5-H-L, EVO 10-7.5-AC-L, EVO 10-9.9-H-L, EVO 10-9.9-AC-L; P100-5-H, P100-5-AC, P100-6-H, P100-6-AC, P100-7-H, P100-7-AC, P100-8-H, P100-8-AC, P100-9-H, P100-9-AC, P100-10-H , P100-10-AC, P100-5-H-L, P100-5-AC-L, P100-6-H-L, P100-6-AC-L, P100-7.5-H-L, P100-7.5-AC-L, P100-9.9-H-L, P100-9.9-AC-L; EVO 5-5-H, EVO 5-6-H, EVO 5-7-H, EVO 5-8-H, EVO 5-9-H, EVO5-10-H, EVO 5-5-H-L, EVO 5-6-H-L, EVO 5-7.5-H-L, EVO 5-9.9-H-L, EVO 5-5-AC, EVO 5-5-AC-L; P50-5-H, P50-6-H, P50-7-H, P50-8-H, P50-9-H, P50-10-H, P50-5-H-L, P50-6-H-L,P50-7.5-H-L, P50-9.9-H-L, P50-5-AC,P50-5-AC-L
Ratings:	See Annex
Manufactured by:	FOXESS CO., LTD. No.939, Jinhai Third Road, New Airport Industry Area, Longwan District, Wenzhou, Zhejiang, China
Requirements:	NRS 097-2-1:2024 Edition 3

This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6225642.50

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

This Test Certificate expires at the latest on 2030-07-18 or expires upon withdrawal of one of the above mentioned standards.

Shanghai, 2025-07-18 Number: 6225642.01COC

DEKRA Testing and Certification (Shanghai) Ltd.

Kreny Lin
Certification Manager

IAS ACCREDITED Product Certification Agency PCA-141

© Integral publication of this certificate and adjoining reports is allowed

Annex

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MODEL	EVO 10-5-H P100-5-H	EVO 10-6-H P100-6-H	EVO 10-7-H P100-7-H	EVO 10-8-H P100-8-H	EVO 10-9-H P100-9-H	EVO 10-10-H P100-10-H	EVO 10-5-H-L P100-5-H-L	EVO 10-6-H-L P100-6-H-L	EVO 10-7.5-H-L P100-7.5-H-L	EVO 10-9.9-H-L P100-9.9-H-L
PV INPUT										
Max. power (W)	16000	16000	20000	20000	20000	20000	16000	16000	20000	20000
Max. voltage (Vdc)	600	600	600	600	600	600	600	600	600	600
Max input current (A)	20/20	20/20	20/20/20	20/20/20	20/20/20	20/20/20	20/20	20/20	20/20/20	20/20/20
MPPT voltage range (Vdc)	80-550	80-550	80-550	80-550	80-550	80-550	80-550	80-550	80-550	80-550
Max. short circuit current(A)	25/25	25/25	25/25/25	25/25/25	25/25/25	25/25/25	25/25	25/25	25/25/25	25/25/25
AC INPUT/OUTPUT										
Rated power (W)	5000	6000	7000	8000	9000	10000	5000	6000	7500	9900
Max. apparent Power (VA)	5500	6600	7700	8800	9900	11000	5000	6000	7500	9900
Max. Input Current (A)	27.3	32.7	38.2	43.6	49.1	54.5	27.3	32.7	40.9	54.0
Max. output Current (A)	25.0	30.0	35.0	40.0	45.0	50.0	22.7	27.3	34.1	45.0
Nominal voltage (Vac)	220/230/240, L/N/PE									
Rated AC Frequency (Hz)	50/60									
Power Factor	0.8 leading …0.8 lagging									
EPS OUTPUT										
Max. apparent Power (VA)	5000	6000	7000	8000	9000	10000	5000	6000	7500	9900
Max. Output Current(A)	22.7	27.3	31.8	36.4	40.9	45.5	22.7	27.3	34.1	45
Nominal voltage (Vac)	220/230/240, L/N/PE									
Rated AC Frequency (Hz)	50/60									
Power Factor	0.8 leading …0.8 lagging									
BATTERY										
Battery energy (kWh)	10.24									
Battery Rated Voltage (Vdc)	204.8									
Max. Continuous Current (A)	50									
Rated Capacity (Ah)	50									
General Data	Over voltage category: III(Mains), II(PV), Operating temperature range: - 25 °C to + 55 °C, Relative Humidity (%): 0-100, Protective class: I, Ingress protection rating: IP66, Operating Altitude (m): 4000									

Annex

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MODEL	EVO 10-5-AC P100-5-AC	EVO 10-6-AC P100-6-AC	EVO 10-7-AC P100-7-AC	EVO 10-8-AC P100-8-AC	EVO 10-9-AC P100-9-AC	EVO 10-10-AC P100-10-AC	EVO 10-5-AC-L P100-5-AC-L	EVO 10-6-AC-L P100-6-AC-L	EVO 10-7.5-AC-L P100-7.5-AC-L	EVO 10-9.9-AC-L P100-9.9-AC-L
AC INPUT/OUTPUT										
Rated power (W)	5000	6000	7000	8000	9000	10000	5000	6000	7500	9900
Max. apparent Power (VA)	5500	6600	7700	8800	9900	11000	5000	6000	7500	9900
Max. Input Current (A)	27.3	32.7	38.2	43.6	49.1	54.5	27.3	32.7	40.9	54.0
Max. output Current (A)	25	30	35	40	45	50	22.7	27.3	34.1	45
Nominal voltage (Vac)	220/230/240, L/N/PE									
Rated AC Frequency (Hz)	50/60									
Power Factor	0.8 leading …0.8 lagging									
EPS OUTPUT										
Max. apparent Power (VA)	5000	6000	7000	8000	9000	10000	5000	6000	7500	9900
Max. Output Current(A)	22.7	27.3	31.8	36.4	40.9	45.5	22.7	27.3	34.1	45
Nominal voltage (Vac)	220/230/240, L/N/PE									
Rated AC Frequency (Hz)	50/60									
Power Factor	0.8 leading …0.8 lagging									
BATTERY										
Battery energy (kWh)	10.24									
Battery Rated Voltage (Vdc)	204.8									
Max. Continuous Current (A)	50									
Rated Capacity (Ah)	50									
General Data	Over voltage category: III(Mains), II(PV), Operating temperature range: - 25 °C to + 55 °C, Relative Humidity (%): 0-100, Protective class: I, Ingress protection rating: IP66, Operating Altitude (m): 4000									

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MODEL	EVO 5-5-H P50-5-H	EVO 5-6-H P50-6-H	EVO 5-7-H P50-7-H	EVO 5-8-H P50-8-H	EVO 5-9-H P50-9-H	EVO 5-10-H P50-10-H
PV INPUT						
Max. power (W)	16000	16000	20000	20000	20000	20000
Max. voltage (Vdc)	600	600	600	600	600	600
Max input current (A)	20/20	20/20	20/20/20	20/20/20	20/20/20	20/20/20
MPPT voltage range (Vdc)	80-550	80-550	80-550	80-550	80-550	80-550
Max. short circuit current(A)	25/25	25/25	25/25/25	25/25/25	25/25/25	25/25/25
AC INPUT/OUTPUT						
Rated power (W)	5000	6000	7000	8000	9000	10000
Max. apparent Power (VA)	5500	6600	7700	8800	9900	11000
Max. Input Current (A)	27.3	32.7	38.2	43.6	49.1	54.5
Max. output Current (A)	25	30	35	40	45	50
Nominal voltage (Vac)	220/230/240, L/N/PE					
Rated AC Frequency (Hz)	50/60					
Power Factor	0.8 leading …0.8 lagging					
EPS OUTPUT						
Max. apparent Power (VA)	5000	6000	7000	8000	9000	10000
Max. Output Current(A)	22.7	27.3	31.8	36.4	40.9	45.5
Nominal voltage (Vac)	220/230/240, L/N/PE					
Rated AC Frequency (Hz)	50/60					
Power Factor	0.8 leading …0.8 lagging					
BATTERY						
Battery energy (kWh)	10.24					
Battery Rated Voltage (Vdc)	204.8					
Max. Continuous Current (A)	50					
Rated Capacity (Ah)	50					
General Data	Over voltage category: III(Mains), II(PV), Operating temperature range: - 25 °C to + 55 °C, Relative Humidity (%): 0-100, Protective class: I, Ingress protection rating: IP66, Operating Altitude (m): 4000					

Annex

Document no. : 6225642.01COC

MODEL	EVO 5-5-AC P50-5-AC	EVO 5-5-AC-L P50-5-AC-L	EVO 5-5-H-L P50-5-H-L	EVO 5-6-H-L P50-6-H-L	EVO 5-7.5-H-L P50-7.5-H-L	EVO 5-9.9-H-L P50-9.9-H-L
PV INPUT						
Max. power (W)	16000	16000	16000	16000	20000	20000
Max. voltage (Vdc)	600	600	600	600	600	600
Max input current (A)	20/20	20/20	20/20	20/20	20/20/20	20/20/20
MPPT voltage range (Vdc)	80-550	80-550	80-550	80-550	80-550	80-550
Max. short circuit current(A)	25/25	25/25	25/25	25/25	25/25/25	25/25/25
AC INPUT/OUTPUT						
Rated power (W)	5000	6000	5000	6000	7500	9900
Max. apparent Power (VA)	5500	6600	5000	6000	7500	9900
Max. Input Current (A)	27.3	32.7	27.3	32.7	40.9	54.0
Max. output Current (A)	25	30	22.7	27.3	34.1	45
Nominal voltage (Vac)	220/230/240, L/N/PE					
Rated AC Frequency (Hz)	50/60					
Power Factor	0.8 leading …0.8 lagging					
EPS OUTPUT						
Max. apparent Power (VA)	5000	6000	5000	6000	7500	9900
Max. Output Current(A)	22.7	27.3	22.7	27.3	34.1	45
Nominal voltage (Vac)	220/230/240, L/N/PE					
Rated AC Frequency (Hz)	50/60					
Power Factor	0.8 leading …0.8 lagging					
BATTERY						
Battery energy (kWh)	5.12		10.24			
Battery Rated Voltage (Vdc)	204.8					
Max. Continuous Current (A)	50					
Rated Capacity (Ah)	50					
General Data	Over voltage category: III(Mains), II(PV), Operating temperature range: - 25 °C to + 55 °C, Relative Humidity (%): 0-100, Protective class: I, Ingress protection rating: IP66, Operating Altitude (m): 4000					

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