

Attestation of Conformity

No. N8AUK 107662 0030 Rev. 00

Holder of Certificate: **FOXESS CO., LTD.**
No.939, Jinhai Third Road
New Airport Industry Area, Longwan District
325025 Wenzhou, Zhejiang
PEOPLE'S REPUBLIC OF CHINA

Product: **Batteries**
Rechargeable Li-ion Battery System

This Attestation of Conformity is issued on a voluntary basis according to the Electrical Equipment (Safety) Regulations 2016 relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the regulations and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for testing and certification. For details see: www.tuvsud.com/ps-cert

Test report no.: 5040922012912-00

Date, 2023-01-05



(Zhengdong Ma)

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Model(s): HS 5, HS 7.5, HS 10,
HS 12.5, HS 15, HS 17.5, HS 20

Parameters:

Model	HS 5	HS 7.5	HS 10	HS 12.5
Energy	4.91kWh	7.37kWh	9.83kWh	12.28kWh
Nominal Capacity	48 Ah	48 Ah	48 Ah	48 Ah
Max. Continuous Current	48 Ad.c.	48 Ad.c.	48 Ad.c.	48 Ad.c.
Nominal Voltage	102.4 Vd.c.	153.6 Vd.c.	204.8 Vd.c.	256 Vd.c.
Voltage Range	92.8-117.7 Vd.c.	139.2-176.6 Vd.c.	185.6-235.5 Vd.c.	232.0-294.4 Vd.c.
Numbers of battery controller (Mira-BMS)	1	1	1	1
Numbers of battery modules (Mira-HV25)	2	3	4	5
Ingress Protection	IP21			
Protective class	I			
Charge Temperature	0°C...+55°C			
Discharge Temperature	-10°C...+55°C			

Model	HS 15	HS 17.5	HS 20
Energy	14.74kWh	17.20kWh	19.66kWh
Nominal Capacity	48 Ah	48 Ah	48 Ah
Max. Continuous Current	48 Ad.c.	48 Ad.c.	48 Ad.c.
Nominal Voltage	307.2 Vd.c.	358.4 Vd.c.	409.6 Vd.c.
Voltage Range	278.4-353.2 Vd.c.	324.8-412.1 Vd.c.	371.2-471.0 Vd.c.
Numbers of battery controller (Mira-BMS)	1	1	1
Numbers of battery modules (Mira-HV25)	6	7	8
Ingress Protection	IP21		
Protective class	I		
Charge Temperature	0°C...+55°C		
Discharge Temperature	-10°C...+55°C		

Tested according to: BS EN 62477-1:2012/A12:2021
EN 62477-1:2012/A12:2021

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After preparation of the necessary UK regulation technical documentation as well as the UK declaration of conformity the required UKCA marking can be affixed on the product. Other applicable UK regulations have to be observed.