



Product Service

# CERTIFICATE

No. B 107662 0017 Rev. 01

**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

**Certification Mark:**



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

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** 5040922012911-00

**Valid until:** 2028-01-02

**Date,** 2023-01-04

( Zhengdong Ma )

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**Model(s):** HS 5.2, HS 7.8, HS 10.4, HS 13,  
HS 15.6, HS 18.2, HS 20.8

## Parameters:

Model	HS 5.2	HS 7.8	HS 10.4	HS 13
Energy	5.12kWh	7.68kWh	10.24kWh	12.8kWh
Nominal Capacity	50 Ah	50 Ah	50 Ah	50 Ah
Max. Continuous Current	50 Ad.c.	50 Ad.c.	50 Ad.c.	50 Ad.c.
Nominal Voltage	102.4 Vd.c.	153.6 Vd.c.	204.8 Vd.c.	256 Vd.c.
Voltage Range	80-116.8 Vd.c.	120-175.2 Vd.c.	160-233.6 Vd.c.	200-292 Vd.c.
Numbers of battery controller (BMX-BOX)	1	1	1	1
Numbers of battery modules (HV2600)	2	3	4	5
Ingress Protection	IP21			
Protective class	I			
Charge Temperature	0°C...+50°C			
Discharge Temperature	-10°C...+50°C			

Model	HS 15.6	HS 18.2	HS 20.8
Energy	15.36kWh	17.92kWh	20.48kWh
Nominal Capacity	50 Ah	50 Ah	50 Ah
Max. Continuous Current	50 Ad.c.	50 Ad.c.	50 Ad.c.
Nominal Voltage	307.2 Vd.c.	358.4 Vd.c.	409.6 Vd.c.
Voltage Range	240-350.4 Vd.c.	280-408.8 Vd.c.	320-467.2 Vd.c.
Numbers of battery controller (BMX-BOX)	1	1	1
Numbers of battery modules (HV2600)	6	7	8
Ingress Protection	IP21		
Protective class	I		
Charge Temperature	0°C...+50°C		
Discharge Temperature	-10°C...+50°C		

**Tested according to:** IEC 62477-1:2012  
IEC 62477-1:2012/AMD1:2016  
EN 62477-1:2012/A12:2021