



Product Service

Attestation of Conformity

No. E8A 120560 0015 Rev. 00

Holder of Attestation: **Slenergy Technology (A.H.) Co., Ltd.**No. 120 Yongyang Road
239000 Chuzhou, Anhui
PEOPLE'S REPUBLIC OF CHINA**Name of Object:** **Energy Storage System
(Energy Storage System)**

This Attestation of Conformity is issued on a voluntary basis according to the Directive 2014/30/EU relating to electromagnetic compatibility. It confirms that the listed apparatus complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for conformity assessment. For details see: www.tuvsud.com/ps-cert

Test report no.: 6877222000202U**Date,** 2023-07-12

(Laurent Yuan)

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This Attestation does not replace the regulatory EU Declaration of Conformity (DoC) and does not allow for CE marking. After preparation of the necessary documentation and establishing compliance to requirements of all applicable directives, the manufacturer may sign a DoC and apply the CE marking. The DoC is issued under the sole responsibility of the manufacturer.



TUV®



Product Service

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Model(s): Hybrid Inverter: SL-D3.68KTL-L50,
SL-D5KTL-L100, SL-D6KTL-L100;
Battery Pack: SL-BL-1-5, SL-BL-2-10,
SL-BL-3-15, SL-BL-4-20, SL-BL-5-25

Description of Object:

Rated Input: See below table for details
Protection Class: I

Tested according to: EN IEC 61000-6-1:2019
EN IEC 61000-6-3:2021
EN IEC 61000-6-2:2019
EN IEC 61000-6-4:2019
EN IEC 61000-3-11:2019
EN 61000-3-12:2011

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Hybrid Inverter			
Model	SL-D3.68KTL-L50	SL-D5KTL-L100	SL-D6KTL-L100
PV terminal			
Vmax. PV	580Vd.c.		
Rated Voltage	400Vd.c.		
MPPT Voltage Range	80~560Vd.c.		
MPPT Voltage Range (full load)	165 ~ 520Vd.c.	210 ~ 520Vd.c.	250 ~ 520Vd.c.
MPPT Tracker number	2		
Max. continuous PV input current per tracker	15Ad.c.		
Isc PV per tracker	18Ad.c.		
Max. continuous PV input power	4800W	6500W	7500W
Battery terminal			
Battery type	Lithium or lead-acid battery		
Voltage range	40~60Vd.c.		
Rated voltage	48Vd.c.		
Maximum charge/discharge current	50Ad.c./80Ad.c.	100Ad.c./100Ad.c.	
Maximum charge/discharge power	3000W/4000W	4600W/5000W	
Grid terminal parameter			
Rated voltage	230Va.c.		
Rated frequency	50/60Hz		
Maximum continuous input current	32Aa.c.		
Maximum continuous input power	7360VA		
Maximum continuous output current	16Aa.c.	22Aa.c.	25Aa.c.
Maximum continuous output power	3680W	5000W	6000W
Maximum output apparent power	3680VA	5000VA	6000VA
Power factor (Cos phi), adjustable	0.8 leading~0.8 lagging		
Back up load terminal parameter			
Rated voltage	230Va.c.		
Rated frequency	50/60Hz		
Maximum continuous output current	16Aa.c.	20Aa.c.	
Rated continuous output power	3680W	4600W	
Maximum output apparent power	4000VA	5000VA	
General parameter			
Temperature	-25°C to +60°C, derating above 45 °C		
Protective class	Class I		
Overvoltage Category	II(DC side), III(AC side)		
Ingress protection	IP65		
Altitude	≤ 2000m		

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Battery Pack					
Model	SL-BL-1-5	SL-BL-2-10	SL-BL-3-15	SL-BL-4-20	SL-BL-5-25
Battery type	LFP (LiFePO4)				
Voltage range	44.8~56.5 Vd.c.				
Rated voltage	51.2Vd.c.				
Energy capacity	5.12kWh	10.24kWh	15.36kWh	20.48kWh	25.6kWh
Usable capacity	4.6kWh	9.2kWh	13.8kWh	18.4kWh	23kWh
Maximum charge/discharge current	50Ad.c. /80Ad.c.	100Ad.c. /100Ad.c.	100Ad.c. /100Ad.c.	100Ad.c. /100Ad.c.	100Ad.c. /100Ad.c.
Maximum charge power	2.825kW	5.65kW	5.65kW	5.65kW	5.65kW
Maximum discharge power	4.096kW	5.12kW	5.12kW	5.12kW	5.12kW
Protective class	Class I				
Ingress protection	IP65				
Altitude	≤ 2000m				

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