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Product Service

Compliance Document

No. D 120560 0012 Rev. 00

Holder of Certificate: **Slenergy Technology (A.H.) Co., Ltd.**
No. 120 Yongyang Road
239000 Chuzhou, Anhui
PEOPLE'S REPUBLIC OF CHINA

Product: **Converter**
(Hybrid Inverter)

This Compliance document confirms the compliance with the listed standards on a voluntary basis. It refers only to the sample submitted for testing and certification and does not certify the quality or safety of the serial products. For details see: www.tuvsud.com/ps-cert

Test report no.: 64290233112301

Date, 2023-07-14

(Billy Qiu)

TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany

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Model(s): **SL-D3.68KTL-L50, SL-D5KTL-L100, SL-D6KTL-L100**

Parameters:

Model	SL-D3.68KTL-L50	SL-D5KTL-L100	SL-D6KTL-L100
PV terminal			
Vmax. PV	580Vd.c.		
Rate 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 batteries		
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	50Hz/60Hz		
Rated input Current	31Aa.c.		
Maximum continuous input current	32Aa.c.		
Maximum continuous input power	7360VA		
Rated output Current	16Aa.c.	22Aa.c.	25Aa.c.
Maximum continuous output current	16Aa.c.	22Aa.c.	25Aa.c.
Power factor (Cos phi), adjustable	0.8 leading~0.8 lagging		
Maximum continuous output power	3680VA	5000VA	6000VA
Back up load terminal parameter			
Rated voltage	230Va.c.		
Rated frequency	50Hz/60Hz		
Rated output Current	16Aa.c.	20Aa.c.	
Maximum continuous output current	16Aa.c.	20Aa.c.	
Rated continuous output power	3680W	4600W	
Maximum output apparent power	4000VA	5000VA	

Tested according to: IEC 61683:1999

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