ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Product Service

Compliance Document

No. D 123414 0007 Rev. 00

Holder of Certificate: **Zhejiang Wolong Energy Storage System Co.,Ltd**
No.1801, Renmin W.R, Shangyu
312300 Shaoxing City, Zhejiang Province
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.: 64290233178101

Date, 2023-12-15

(Billy Qiu)

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

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Model(s): **WL ELSS-4000, WL ELSS-4600, WL ELSS-5000, WL ELSS-6000**

Parameters:

Model	WL ELSS-4000	WL ELSS-4600	WL ELSS-5000	WL ELSS-6000
PV input rating				
Max. input power	9000 W			
Rated input voltage	360 Vd.c.			
Max. input voltage	600 Vd.c.			
MPPT voltage range (full load)	250~520 Vd.c.			
Max. input current	2*16 Ad.c.			
PV short circuit current	2*20 Ad.c.			
Battery input/output rating				
Battery type	Lithium-ion			
Rated voltage	51.2 Vd.c.			
Battery voltage range	42~60 Vd.c.			
Max. charging power	5000 W			
Max. charging current	100 Ad.c.			
Max. discharging power	5000 W			
Max. discharging current	100 Ad.c.			
Grid input rating				
Rated input voltage	230 Va.c., 1/N/PE			
Rated grid frequency	50 Hz			
Max. input apparent power	8000 VA	9200 VA	10000 VA	11000 VA
Max. input active power	8000 W	9200 W	10000 W	11000 W
Max. input current	34.8 Aa.c.	40.0 Aa.c.	43.5 Aa.c.	47.8 Aa.c.
Grid output rating				
Max. output apparent power	4000 VA	4600 VA	4999 VA	6000 VA
Registered Capacity output active power	3800 W	4370 W	4749 W	5700 W
Rated output voltage	230 Va.c., 1/N/PE			
Rated output current	16.5 Aa.c.	19.0 Aa.c.	20.6 Aa.c.	24.8 Aa.c.
Max. continuous output current	17.4 Aa.c.	20.0 Aa.c.	21.7 Aa.c.	26.0 Aa.c.
Rated output frequency	50 Hz			
Power factor	0.95 inductive(under-excited) to 0.95 capacitive(over-excited)			

Tested according to: G99/1-6:2020

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