



Product Service

Compliance Document

No. D 076777 0041 Rev. 00

Holder of Certificate: **Shenzhen Sinexcel Electric Co., Ltd**
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PEOPLE'S REPUBLIC OF CHINA

Product: **Converter**
(Bi-directional Storage 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.: 64290213088201

Date, 2022-07-07

(Billy Qiu)

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Model(s): PWS2-29P-EX, PWS2-30P-EX

Parameters:

Model	PWS2-30P-EX	PWS2-29P-EX
DC Link input rating		
DC Link input Voltage range	700~830 Vd.c.	
DC Link input maximum continuous current	65 Ad.c.	
DC Link input power	45 kW	
Battery input/output rating		
Battery type	Lead-acid/Lithium battery	
Rated voltage	600 Vd.c.	
Battery operating input voltage range	150~750 Vd.c.	
Battery input voltage range (full load)	350~750 Vd.c.	
Max. charging power	30 kW	
Max. charging current	90 Ad.c.	
Max. discharging power	30 kW	
Max. discharging current	90 Ad.c.	
Grid input rating		
Rated input active power	30 kW	29.9 kW
Rated input apparent power	33 kVA	29.9 kVA
Maximum input apparent power	33 kVA	29.9 kVA
Rated input frequency	50 Hz	
Rated input voltage	230/400 Va.c., 3/N/PE	
Rated input current	43.3 Aa.c.	43.2 Aa.c.
Max. continuous input current	47.6 Aa.c.	43.2 Aa.c.
Grid output rating		
Rated output active power	30 kW	29.9 kW
Rated output apparent power	33 kVA	29.9 kVA
Maximum output apparent power	33 kVA	29.9 kVA
Rated output frequency	50 Hz	
Rated output voltage	230/400Va.c., 3/N/PE	
Rated output current	43.3 Aa.c.	43.2 Aa.c.
Max. continuous output current	47.6 Aa.c.	43.2 Aa.c.
Power factor	0.9 leading~0.9 lagging	



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**Tested
according to:**

OVE-Richtlinie R 25:2020