

## VERIFICATION OF COMPLIANCE

No.: GZES2304006920PVA01


Applicant: Shenzhen Ateess Power Technology Co., Ltd  
2nd Floor, No.23 Zhulongtian Road, Shuitian Community,  
Shiyan Street, Baoan District, Shenzhen, Guangdong, China

Manufacturer: Shenzhen Ateess Power Technology Co., Ltd  
2nd Floor, No.23 Zhulongtian Road, Shuitian Community,  
Shiyan Street, Baoan District, Shenzhen, Guangdong, China

Product Name: Bidirectional Battery Inverter

Product Description: Three Phase Inverter

Model No.: PCS100, PCS250, PCS500, PCS630

Trade Mark: 

Rating: See page 2

Protection against Electric Shock: Class I

Additional Information (if any): IP 20  
Firmware version:  
DSP Software Version: PCS50\_630\_HV3\_SV1.1.26\_APP  
LCD Software Version:  
PCS50\_630K\_FLEXEMScreen\_HV1.0\_SV1.1.15  
Internal Transformer: Yes

Sufficient samples of the product have been tested and found to be in conformity with

Test Standard: ENA Engineering Recommendation G99 Issue 1 Amendment 9  
2022

as shown in the

Test Report Number(s): GZES230400692002

This Verification of Compliance has been granted to the applicant based on the results of tests, performed by Laboratory of SGS-CSTC Standards Technical Services Co., Ltd. on sample of the above-mentioned product in accordance with the provisions of the relevant specific standards.

  
David Guo  
Senior Technical Manager  
SGS-CSTC



2023-09-12



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Other information added:

Rating:

Model	PCS100	PCS250	PCS500	PCS630
<b>DC Input</b>				
Battery voltage range	500 V ~ 820 V		600 V ~ 900 V	
Battery Max. charge/discharge power	110 kW	275 kW	550 kW	693 kW
Battery Max. charge/discharge current	220 A	550 A	917 A	1155 A
<b>AC Output</b>				
Rated grid voltage	3/PE, 400 V <sub>ac</sub>			
Rated grid frequency	50 Hz/60 Hz			
Rated power	100 kW	250 kW	500 kW	630 kW
Max. Apparent power	110 kVA	275 kVA	550 kVA	693 kVA
Rated current	144 A	361 A	722 A	909 A
Output power factor	0.8 lagging ~ 0.8 leading			
<b>General Data</b>				
Operating temperature range	-25 °C ~ +55 °C			
Protection degree	IP20			
Protective class	Class I			
Cooling method	Intelligent air cooling			
Topology	Isolated			

David Gao  
Senior Technical Manager  
SGS-CSTC



2023-09-12

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