

VERIFICATION OF COMPLIANCE

No.: GZES2306010898PV01


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: Inverter used in Battery system

Model No.: PCS630, PCS500, PCS315, PCS250, PCS100

Trade Mark: 

Rating: Refer to page 2

Intended Use: Battery System

Protection against Electric Shock: Class I

Additional Information (if any): IP 20
DSP Software Version: PCS50_630_HV3_SV1.1.26_APP
LCD Software Version:
PCS50_630K_FLEXEMScreen_HV1.0_SV1.1.15

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

Test Standard: VDE 0126-1-1:2013
(Couvert avec Enedis-PRO-RES_10E:26/06/2020, VFR:2013, VFR:2014 et VFR:2019)
UTE C15-712-1 (JUILLET 2013)

as shown in the

Test Report Number(s): GZES230601089801, GZES230601089901

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



2023-11-13

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Other information added :
Ratings

Model	PCS100	PCS250	PCS315	PCS500	PCS630
DC Input					
Battery voltage range	500 V ~ 820 V		600 V ~ 900 V		
Battery Max. charge/discharge power	110 kW	275 kW	346.5 kW	550 kW	693 kW
Battery Max. charge/discharge current	220 A	550 A	577 A	917 A	1155 A
AC Output					
Rated grid voltage	3/PE, 400 V _{ac}				
Rated grid frequency	50 Hz/60 Hz				
Rated power	100 kW	250 kW	315 kW	500 kW	630 kW
Rated Apparent power	100 kVA	250 kVA	315 kVA	500 kVA	630 kVA
Rated current	144 A	361 A	455 A	722 A	909 A
Output power factor	0.8 lagging ~ 0.8 leading				
General Data					
Operating temperature range	-25 °C ~ +55 °C				
Protection degree	IP20				
Protective class	Class I				
Cooling method	Intelligent air cooling				
Topology	Isolated				


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