

## VERIFICATION OF COMPLIANCE

No.: SUEE2503000064PV  
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: Hybrid Power Systems  
Product Description: Photovoltaic System  
Model No.: See page 2  
Trade Mark: **ATESS**

Rating: See page 2  
Protection against Electric Shock: Class I  
Additional Information (if any): AC, 3/N/PE, IP20

Sufficient samples of the product have been tested and found to be in conformity with  
Test Standard: NRS 097-2-1: 2024 Edition 3  
as shown in the  
Test Report Number(s): SUEE250300006451

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.

Andrew Zhai  
Technical Manager  
SGS-CSTC Standards Technical Services Co., Ltd.

2025-05-22

This document is issued by the Company under its General Conditions of Service accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS-CSTC Standards Technical Services Co., Ltd.  
16F, Century Yu Hui Mansion, No.73, Fucheng Road, Haidian District, Beijing, 100142, CHINA  
[www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)  
Member of the SGS Group (SGS SA)

No.:

SUEE2503000064PV

Other information added:

Rating:

Model	HPS100HV	HPS150HV
PV parameter		
PV MPPT voltage range	900 V ~ 1300 V	
Max. PV MPPT voltage	1500 V	
PV Max. Input current	2*80 A	2*100 A
Isc PV	2*120 A	2*150 A
Battery parameter		
Battery voltage range	600 V ~ 900 V	
Battery Max. charge/discharge power	150 kW / 110 kW	225 kW / 165 kW
Battery Max. charge/discharge current	187 A / 183 A	280 A / 275 A
AC Output parameter		
Rated grid voltage	3/N/PE, 400 V <sub>ac</sub>	
Rated grid frequency	50 Hz/60 Hz	
Rated output power	100 kW	150 kW
Max. Apparent output power	110 kVA	165 kVA
Rated output current	144 A	217 A
Max. output current	158 A	238 A
Max. Apparent input power	200 kVA	240 kVA
Max. input current	288 A	346 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	

Andrew Zhai

Technical Manager

SGS-CSTC Standards Technical Services Co., Ltd.

2025-05-22

This document is issued by the Company under its General Conditions of Service accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS-CSTC Standards Technical Services Co., Ltd.  
16F, Century Yu Hui Mansion, No.73, Fucheng Road, Haidian District, Beijing, 100142, CHINA  
[www.sgs.com](http://www.sgs.com)  
Member of the SGS Group (SGS SA)