



VERIFICATION OF COMPLIANCE

No.: GZES2212023369PVA02

Applicant: Shenzhen Ateess Power Technology Co., Ltd
1st Floor of Building 3 at Sector B and 3rd Floor or Building 9,
Henglong Industrial Park, Shuitian, Baoan District, Shenzhen,
Guangdong, China

Manufacturer: Shenzhen Ateess Power Technology Co., Ltd
1st Floor of Building 3 at Sector B and 3rd Floor or Building 9,
Henglong Industrial Park, Shuitian, Baoan District, Shenzhen,
Guangdong, China

Product Name: Hybrid Inverter

Product Description: Three Phase Inverter

Model No.: HPS100, HPS120, HPS150

Trade Mark: 

Rating: See page 2

Protection against Electric Shock: Class I

Additional Information (if any): IP 20
Firmware version: DSP: HV3-SV4.1.09; LCD: HV1.0-SV1.0.4
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): GZES221202336901A03

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



2023-08-22

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Other information added:

Rating:

Model Number	HPS100	HPS120	HPS150
PV parameters			
PV rated Power	110 kW	132 kW	165 kW
Max. PV Power	150 kW	180 kW	225 kW
Max. PV input voltage	1000 Vd.c.		
PV MPPT voltage range	480-800 Vd.c.		
Max. PV input current	230 A	327 A	409 A
Battery parameters			
Battery operating voltage range	352-600 Vd.c.		
Max. Battery charge current	300 A	350 A	450 A
Max. Battery discharge current	313 A	374 A	467 A
Max. Battery charge power	150 kW	180 kW	225 kW
Max. Battery discharge power	110 kW	132 kW	165 kW
AC output parameter			
Rated voltage	400 Vac		
Rated current	144 A	173 A	217 A
Rated output power	100 kW	120 kW	150 kW
Rated frequency	50 Hz		
Frequency Range	45-55 Hz		
Max. output power	110 kVA	132 kVA	165 kVA
Max. input power	200 kVA	240 kVA	240 kVA
Power factor	1 default (+/- 0.8 adjustable)		
Ambient temperature	-25 °C ~ 55 °C		
Ingress protection	IP20		
Protective class	Class I		

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SGS CSTC



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