

## VERIFICATION OF COMPLIANCE

No.: GZES2011031267PV

Applicant: Shenzhen AteSS 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 AteSS 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 (Three Phase)

Product Description: Inverter used in PV system

Model No.: HPS30, HPS50

Trade Mark:



Rating:

Refer to page 2

Intended Use:

PV System

Protection against Electric Shock:

Class I

Additional Information (if any):

IP 20

Firmware version: DSP: HV3\_SV4.1.14; LCD: HV1.0\_SV1.0.8

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 3  
2018

as shown in the

Test Report Number(s):

GZES201103126701

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

2021-03-19

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Other information added :  
Ratings

Model Number	HPS30	HPS50
<b>PV parameters</b>		
PV rated Power	33kW	55 kW
Max. PV Power	45kW	75 kW
Max. PV input voltage	1000 Vd.c.	
PV MPPT voltage range	480-800 Vd.c.	
<b>Battery parameters</b>		
Battery operating voltage range	352-600 Vd.c.	
Max. Battery charge current	100A	150A
Max. Battery discharge current	93A	156A
Max. Battery charge power	45 kW	75 kW
Max. Battery discharge power	33 kW	55 kW
<b>AC output parameter</b>		
Rated voltage	400 Vac	
Rated current	43 A	72 A
Rated output power	30 kW	50 kW
Rated frequency	50 Hz	
Frequency Range	45-55 Hz	
Max. output power	33 kVA	55 kVA
Max. input power	60 kVA	100 kVA
Power factor	1 default (+/- 0.8 adjustable)	
Ambient temperature	-25 °C ~ 55 °C	
Ingress protection	IP20	
Protective class	Class I	

  
 David Guo  
 Senior Technical Manager  
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