

Certificate of Conformity

By the product certificate number

No. 2621/0052-CER

Issued to

License holder

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 Province, P.R. China

Trademark



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 Province, P.R. China



It is certified that the product:

Type of generator Hybrid Inverter

Models

HPS30

HPS50

Technical Data

Rated Active Power

33 kW

55 kW

Rated Voltage

400 V

Rated Frequency

50 Hz

Firmware version

DSP: HPS30K_150K_HV3_SV4.1.14_APP50549 /
LCD: HPS30_150K_WEINVIEWScreen_HV1.0_SV1.08

Number of phases

Three phases

Isolation transformer

YES

(See further information about rating characteristics in the page 2)

Is in compliance with the standard:

- EN 50549-1: 2019

Requirements for generating plants to be connected in parallel with distribution networks – Part 1: Connection to a LV Distribution Network - Generating Plants up to and including type B.

This certificate just covers PV inverters models certified below above-mentioned references to be installed in PV generating of type plants B to be connected to a LV distribution network.

The above-mentioned product is certified according to the standard EN 50549-1: 2019 and is valid to be installed in PV generating of type plants A and B to be connected to a LV distribution network. The relation between this European Standard with the relevant Article of COMMISSION REGULATION (EU) 2016/631 (NC RfG) is considered as it is indicated in the annex H of the standard EN 50549-1: 2019

The above-mentioned generating unit is certified according to the SGS internal procedure PE.T-ECPE-53 based on the requirements of the UNE-EN ISO / IEC 17065

First issued on: 05th April 2021.

This certificate is valid until: 05th April 2024.

Madrid, 05th April 2021



Daniel Arranz Muñiz
Certification Manager



Full list of rated characteristics of certified models:

Model Number	HPS30	HPS50
PV parameters		
PV rated Power	33 kW	55 kW
Max. PV Power	45 kW	75 kW
Max. PV input voltage	1000 Vd.c.	
PV MPPT voltage range	480-800 Vd.c.	
Battery parameters		
Battery operating voltage range	352-600 Vd.c.	
Max. Battery charge current	100 A	150 A
Max. Battery discharge current	93 A	156 A
Max. Battery charge power	45 kW	75 kW
Max. Battery discharge power	33 kW	55 kW
AC output parameter		
Rated voltage	400 Vac	
Rated current	3*43 A	3*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	

