

Certificate of Conformity

By the product certificate number

No: 2620/0202-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

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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	HPS100	HPS120	HPS150
Technical Data			
Rated Active Power	100 kW	120 kW	150 kW
Rated Voltage		400 V	
Rated Frequency		50 Hz	
Firmware version		DSP: HV3-SV4.1.09 / LCD: HV1.0-SV1.0.4	
Number of phases		Three phases (3P/PE)	
Isolation transformer		NO	

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

Is in compliance with

Regulation

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 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

This certificate is valid until: 19th of June 2023.

First issued on: 19th of June 2020.

Madrid, 19th June 2020



Daniel Arranz Muñiz
Certification Manager



Full list of rated characteristics of certified models:

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.		
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		

