



A P P R O V A L S ®

## Certificate of Suitability

**Certificate No.:** SAA201308

**Certificate Holder:** Shenzhen Ates Power Technology Co., Ltd  
1st Floor of Building 3 at Sector B and 3rd Floor of Building 9,  
Henglong Industrial Park, No.4 Industrial Zone,  
Shuitian Community, Shiyan Street, Baoan District,  
Shenzhen  
P.R. China

**Regulatory Definition:** Non-Declared  
**Product Description:** Hybrid Power System  
**Trade Name/s:** ATESS  
**Model No.:** HPS150  
**Rating/Marking/s:** See Page 2

**Standard/s:** IEC 62109-1 Ed. 1.0  
IEC 62109-2 Ed. 1.0  
AS/NZS 4777.2:2020 Inc A1

**Condition/s:** Nil

**Approval Marks:** SAA201308

**Initial Issue Date:** 19 November 2020

**Expiry Date:** 19 November 2025

*R. A. Hill*

For and on Behalf of  
SAA Approvals Pty Ltd

This certificate is issued by SAA Approvals Pty Ltd in accordance with the SAA Approvals Electrical Product Safety Certification Scheme accredited by JAS-ANZ under AS/NZS ISO/IEC 17065. SAA certifies the product nominated in this certificate complies with standard/s listed above in accordance with the scheme herein.

For SAA Contact Details and to verify this Certificate go to:

[www.saaapprovals.com.au](http://www.saaapprovals.com.au)

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Additional Models	Trade Name	Rating/Marking
HPS150	ATESS	PV Input: Vmax PV: 1000Vdc Max MPPT voltage: 480-800Vdc Current: 409A Isc PV: 500A Energy Storage: Voltage range: 352-600Vdc Max charge: 450A Max Discharge: 467A AC Input: 400Vac 50/60Hz 217A 0.8 to 0.8p.f. AC Output: 400Vac 50/60Hz 150kW 0.8 to 0.8p.f. Rated Apparent Power: 150kVA Rated Output Current: 217A Protective Class: I Over Voltage Category: PV: II, AC: III Topology: Isolated Ingress Protection: IP20 Operating Temperature Range: -25 to +55°C Hardware version: SSCP_HW_V1.1.1 Software version: HPS30K_150K_HV3_SV4.1.14_APP50549

*R. A. Hill*

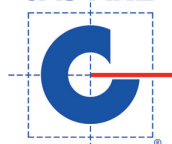
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## Certificate of Suitability

Additional Models	Trade Name	Rating/Marking
HPS100	ATESS	PV Input: Vmax PV: 1000Vdc Max MPPT voltage: 480-800Vdc Current: 230A Isc PV: 333A Energy Storage: Voltage range: 352-600Vdc Max charge: 300A Max Discharge: 313A AC Input: 400Vac 50/60Hz 144A 0.8 to 0.8p.f. AC Output: 400Vac 50/60Hz 100kW 0.8 to 0.8p.f. Rated Apparent Power: 100kVA Rated Output Current: 144A Protective Class: I Over Voltage Category: PV: II, AC: III Topology: Isolated Ingress Protection: IP20 Operating Temperature Range: -25 to +55°C Hardware version: SSCP_HW_V1.1.1 Software version: HPS30K_150K_HV3_SV4.1.14_APP50549

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## Certificate of Suitability

Additional Models	Trade Name	Rating/Marking
HPS120	ATESS	<p>PV Input: Vmax PV: 1000Vdc Max MPPT voltage: 480-800Vdc Current: 327A Isc PV: 400A Energy Storage: Voltage range: 352-600Vdc Max charge: 350A Max Discharge: 374A AC Input: 400Vac 50/60Hz 173A 0.8 to 0.8p.f. AC Output: 400Vac 50/60Hz 120kW 0.8 to 0.8p.f. Rated Apparent Power: 120kVA Rated Output Current: 173A Protective Class: I Over Voltage Category: PV: II, AC: III Topology: Isolated Ingress Protection: IP20 Operating Temperature Range: -25 to +55°C Hardware version: SSCP_HW_V1.1.1 Software version: HPS30K_150K_HV3_SV4.1.14_APP50549</p>

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