



A P P R O V A L S ®

## Certificate of Suitability

**Certificate No.:** SAA172465

**Certificate Holder:** Sonnen GmbH  
Am Riedbach 1  
Im Innovationspark Allgäu  
87499 Wildpoldsried  
Germany

**Class Description:** Non-Declared  
**Product Description:** Battery Storage System with PV Input with battery capacities of 2, 4, 6, 8, 10, 12, 14 or 16kWh  
**Brand Name:** sonnen  
**Model No.:** sonnenBatterie hybrid 8.1-5.5  
**Markings:** Input: 1000Vdc Max, MPP voltage range 510-800Vdc  
11A Max, Isc 15A, 5.62kW  
Output: 400V~ (3P+N+PE) 50Hz, Max 8A, Max 5.5kVA  
Battery: 51.2Vdc 75A Lithium-Ion  
IP30, Class I, Ta: 5..30°C  
**Standard:** IEC 62109-1 Ed 1.0  
IEC 62109-2 Ed 1.0  
AS 62040.1.1:2003  
AS/NZS 4777.2:2015  
**Conditions:** Nil  
**Certification Mark:** SAA172465 or RCM  
**Date First Registered:** 3 October 2017  
**Date of Expiry:** 3 October 2022

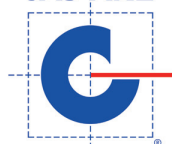
For and on Behalf of  
SAA Approvals Pty Ltd

SAA Approvals Pty Ltd as accredited by JAS-ANZ under ISO/IEC 17065 certifies in accordance with the SAA Approvals Electrical Product Safety Certification Scheme that the product nominated in this certificate complies with standard/s listed.

When using the RCM the requirements of all relevant parts of AS/NZS 4417 applicable to the article must be fulfilled.

For SAA Contact Details and to verify this Certificate go to:  
[www.saaapprovals.com.au](http://www.saaapprovals.com.au)

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