

Certificate of Conformity (COC)



Certificate Holder : D&W The Motion Corporation GmbH&Co.KG
Dückerweg 21, 44867 Bochum, Germany

Date of Original Issue : 2024-06-11

Date of Last Revision : --

Date of Expiry : 2027-06-10

Certificate Number : PCS-24-1077

Product : Microinverter

Ratings : See appendix on page 2

Brand/Trademark : **ABSAAR**[®]

Model : AB400A, AB600A, AB800A

Test Laboratory : SGS-CSTC Standards Technical Services Co., Ltd. Suzhou Branch

Testing Report : SUEE240500006451

Test Standard : EN 50549-1: 2019

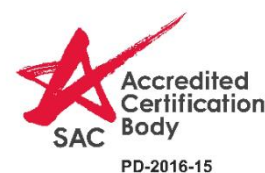


This is to certify that the product has been tested and was found to comply with the requirements of the standard(s).
The above-mentioned product is certified according to the requirements of ISO/IEC 17065:2012.

The above-mentioned product is certified according to the standard EN 50549-1: 2019 and is valid to be installed in generating of type plants 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.

Christopher Hee
Certification Officer

SGS Testing & Control Services Singapore Pte Ltd
30 Boon Lay Way #03-01 Singapore 609957



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Model	AB400A	AB600A	AB800A
PV Input			
Number of MPPT Trackers	2		
Max. Input Voltage	60 Vdc		
Start-up Operating Voltage	30 Vdc		
Operating Voltage Range	16V-60 Vdc		
MPPT Voltage Range	33V-55 Vdc		
Max. Input Current	7 A * 2	12 A * 2	14 A * 2
Max. Short Current	15 A * 2	20 A * 2	25 A * 2
AC Output			
Nominal Grid Voltage	L/N/PE, 230Vac		
Nominal Grid Frequency	50 Hz		
Rated AC Power	400 W	600 W	800 W
Max. AC Power	400 VA	600 VA	800 VA
Rated AC Current	1.74 A	2.60 A	3.48 A
Output Power Factor	>0.99		
General Data			
Operating temperature range	-40 °C ~ +65 °C		
Protection degree	IP67		
Protective class	Class I		
Altitude	Max. 2000m		
Cooling method	Natural Cooling		
Topology	Transformer		

