

VERIFICATION OF COMPLIANCE

No.: GZES2106020352PV


Applicant: Bosswerk GmbH & Co.KG
Herrenpfad 3841334 Nettetal, Germany

Manufacturer: Bosswerk GmbH & Co.KG
Herrenpfad 3841334 Nettetal, Germany

Product Name: Single phase inverter

Product Description: Inverter used in PV system

Model No.: BW-MI300, BW-MI500, BW-MI600, BW-MI800, BW-MI1000, BW-MI1300, BW-MI1600, BW-MI1800, BW-MI2000.

Trade Mark: 

Rating: Refer to page 2 and 3

Protection against Electric Shock: Class I

Degree of Protection: IP 67

Additional Information: Hardware version: Ver2.3
DC Software version: Ver0107, AC Software version: Ver2.5

Sufficient samples of the product have been tested and found to be in conformity with

Test Standard: IEC 62109-1:2010
IEC 62109-2:2011

as shown in the

Test Report Number(s): GZES210602035201, GZES210602035202

This Verification of Compliance has been granted to the applicant based on the results of tests, performed by Laboratory of SGS-CSTC Standards Technical Services Co., Ltd. on sample of the above-mentioned product in accordance with the provisions of the relevant specific standards.


David Guo
Senior Technical Manager
SGS-CSTC



2021-06-21

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Other information added :

Rating:

Model Number	BW-MI300	BW-MI500	BW-MI600	BW-MI800	BW-MI1000
Input (DC)					
Max. input power	400W	600W	800W	1200W	1200W
Max. input voltage	60V				
MPPT voltage range	25~55V				
Max. input current	13A	13A	13A×2	13A×2	13A×2
Output (AC)					
Rated grid voltage	230V				
Rated grid frequency	50Hz				
Rated output power	300W	500W	600W	800W	1000W
Rated output current	1.3A	2.2A	2.6A	3.8A	4.8A
Power factor	>0.99				
Ambient temperature	-40 °C ~65 °C				
Ingress protection	IP67				
Protective class	Class I				


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Model Number	BW-MI1300	BW-MI1600	BW-MI1800	BW-MI2000
Input (DC)				
Max. input power	1600W	2400W	2400W	2400W
Max. input voltage	60V			
MPPT voltage range	25~55V			
Max. input current	13A×4	13A×4	13A×4	13A×4
Output (AC)				
Rated grid voltage	230V			
Rated grid frequency	50Hz			
Rated output power	1300W	1600W	1800W	2000W
Rated output current	6.2A	7.7A	8.6A	9.6A
Power factor	>0.99			
Ambient temperature	-40 °C ~65 °C			
Ingress protection	IP67			
Protective class	Class I			




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