

VERIFICATION OF COMPLIANCE

No.: LVD GZES2106020352PV

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

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

Product Description: 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: EN 62109-1:2010
EN 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 harmonized standards under the Low Voltage Directive 2014/35/EU. The CE marking as shown below can be affixed, under the responsibility of the manufacturer, after completion of an EC Declaration of Conformity and compliance with all relevant EC Directives. The affixing of the CE marking presumes in addition that the conditions in annexes III and IV of the Directive are fulfilled.



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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