

Certificate of Conformity

No. ESY 124473 0006 Rev. 00

Holder of Certificate: **BEXIE Group S.L.**

Calle Covadonga 5
33002 Oviedo (Asturias)
SPAIN

Product:

Hybrid Energy Storage System
Single phase All-in-one hybrid energy
storage system

Model(s):

BXM 600/1300, BXM 800/1300, BXM 1000/1300,
BXM 600/2400, BXM 800/2400, BXM 1000/2400

Parameters:

See next pages.

Applicable
standards:

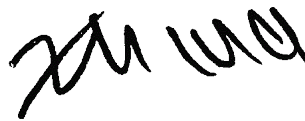
VDE-AR-N 4105:2018
DIN VDE V 0124-100 (VDE V 0124-100):2020

This Certificate of Conformity confirms the compliance with the above listed standards on a voluntary basis. It refers only to the sample submitted to TÜV SÜD Product Service GmbH and does not certify the quality or safety of the serial products. It was issued according to TÜV SÜD Product Service certification program Photovoltaics and Grid Integration. For details see: www.tuvsud.com/ps-cert

Test report no.:

704092422828-00

Date, 2024-09-12



(Zhengdong Ma)

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Model Name	BXM 600/1300	BXM 800/1300	BXM 1000/1300
PV Input			
Max. PV input voltage	DC 50 V		
MPP voltage range	DC 16, ..., 50 V		
Max. PV input power	2000 W		
Max. PV input current	DC 2*28 A		
Isc PV (absolute maximum)	DC 2*39 A		
Battery			
Cell type	LFP		
Rated capacity	27 Ah		
Total energy	1.3 kWh		
Cell designation	IFpP23/101/146/M/-20+50/90		
Grid output			
Rated grid voltage	1/N/PE AC 230 V		
Rated grid frequency	50 Hz		
Rated grid output apparent power	600 VA	800 VA	1000 VA
Max. grid output apparent power	600 VA	800 VA	1000 VA
Max. grid output current	AC 2.8 A	AC 3.8 A	AC 4.8 A
Adjustable cos(φ)	-0.8, ..., 1, ..., +0.8		

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Model Name	BXM 600/2400	BXM 800/2400	BXM 1000/2400
PV Input			
Max. PV input voltage	DC 50 V		
MPP voltage range	DC 16, ..., 50 V		
Max. PV input power	2000 W		
Max. PV input current	DC 2*28 A		
Isc PV (absolute maximum)	DC 2*39 A		
Battery			
Cell type	LFP		
Rated capacity	50 Ah		
Total energy	2.4 kWh		
Cell designation	IFpP/41/150/102/E/-20+50/90		
Grid output			
Rated grid voltage	1/N/PE AC 230 V		
Rated grid frequency	50 Hz		
Rated grid output apparent power	600 VA	800 VA	1000 VA
Max. grid output apparent power	600 VA	800 VA	1000 VA
Max. grid output current	AC 2.8 A	AC 3.8 A	AC 4.8 A
Adjustable cos(φ)	-0.8, ..., 1, ..., +0.8		