

TECHNICAL DATASHEET

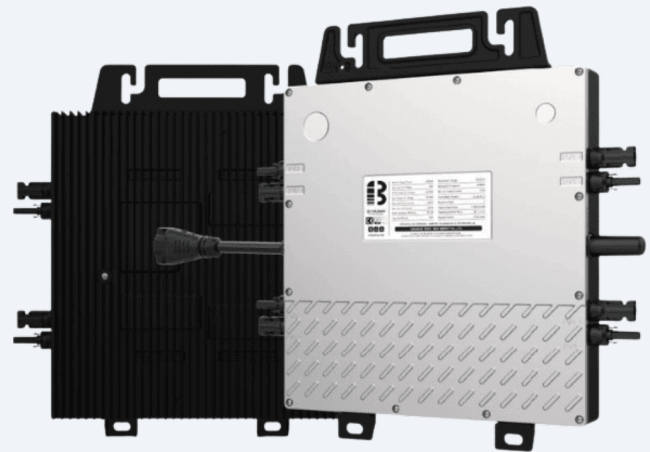
Microinverter

BXE 2000/2400/2800

// RESIDENTIAL USE // COMMERCIAL USE

BEXIE solar microinverter designed to maximize the performance of each photovoltaic panel independently. It improves energy efficiency, reduces losses, and enables advanced real-time monitoring. Ideal for residential and commercial installations.

- ✓ Maximum output power up to 2,000VA/ 2,400VA/2,800VA, adapted to 60~75-cell or 120~150 halfcell PV modules.
- ✓ Static MPPT efficiency 99.80%.
- ✓ High reliability, IP67 (NEMA 6) enclosure.



FEATURES



HIGH EFFICIENCY



PLUG & PLAY



ON/OFF GRID



SMART MONITORING



CLOUD CONTROL



WIDE TEMPERATURE RANGE



+34 985 194 232

www.bexieenergy.comCalle Peña Santa 68, Polígono
Industrial Silvota, 33192, Llanera, Asturias

MODEL	BXE2000	BXE2400	BXE2800
EFFICIENCY			
Peak efficiency		97.5%	
MPPT efficiency		>99.8%	
Night power consumption		<100mW	
INPUT DATA (DC)			
Recommended input power (STC)	400~750W+	480~900W+	560~1050W+
MPPT voltage range		24V~50V	
Operating voltage range		16V~60V	
Max. input voltage		60V	
Max. short circuit current	20A*4	20A*4	24A*4
Max. input current	18A*4	18A*4	20A*4
OUTPUT DATA (AC)			
Rated output power	2,000VA	2,400VA	2,800VA
Rated voltage (range)		230V (176V~265V)	
Rated frequency (range)		50Hz/60Hz (46.5Hz~62Hz)	
Max. continuous output current	9.1A	11A	12.8A
Max. harmonic distortion		<4%	
Power factor		>0.99 (Default)	
Max. connection number in one string (PLCC)	3 units	2 units	2 units
Max. connection number in one string (Wi-Fi)	4 units	3 units	2 units
OTHER PARAMETERS			
Communication method		Wi-Fi (Optional)	
Safety protection		Class I	
Enclosure rating		IP67	
Operating temperature		-40°C to +70°C	
Storage temperature		-40°C to +85°C	
Relative humidity		0~98%	
Transformer design		High frequency transformer, Electrical isolated	
Overvoltage class		OVC III (AC), OVC II (PV)	
Dimensions (L*W*H mm)		389*302*43	
Weight (kg)		7.45	
Safety regulations	IEC/EN 61000-6, CISPR11+A1+A2, IEC/EN 62109-1/2, EN 505491:2019 VDEARN 4105:2018/DIN VDE 0124:2020, AS 4777.2 :2020, INMETRO, UTE C15712-1/DIN VDE 0126/VFR 2019, G98, CEI 021:2020, NC RFG, NTS		

NOTES

Communication with BEXIE microinverters through Wi-Fi enables users to manage the systems in a smart digital way.